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US-09-341-587-4      Application DS/09341587
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COMPUTER: IBM PC COMPILER:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTL INFL 1.0, Version #1.30
COUNTRY: USA
APPLICATION NUMBER: US/0866,550
FILING DATE: 1984
PUBLICATION NO.: 514
ATTORNEY/AGENT INFORMATION:
NAME: BERSON, BENNETT J.
REGISTRATION NUMBER: 094
REGISTRATION DATE: 6/02/95, 9389
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
FAX: 608-251-5000
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 100
TYPE: NUCLEIC ACID PAIRS
STRANDEDNESS: DOUBLE
TOPOLOG: LINEAR
SOURCE: HUMAN (genomic)
ORGANISM: Homo sapiens
FEATURE/KEY: CDS
LOCATION: 648..3689
FUNCTION: INFORMATION: /product:'human mill protein'
US-08-05-0550-4

NAME: Bersoon, Bennett J
 REFERENCE/ACCOUNT NUMBER: 960296.93839
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 608-251-5000
 TELEFAX: 608-251-9166
 INFORMATION FOR SEQ ID NO: 2:
 LENGTH: 4771 base pairs
 TYPE: nucleic acid
 STRANDNESS: double
 TOPOLOGY: linear
 NAME/KEY: CDS
 FEATURE: CDS
 LOCATION: 611..3652
 OTHER INFORMATION: /product= "murine mrl protein"
 US-09-021-287-2

Query Match 2.64; Score 51.6; DB 2; Length 4771;
 Best Local Similarity 50.84; Pred. No. 2.8e-05;
 Matches 123; Conservative 0; Mismatches 119; Indels 0; Gaps 0;

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 QY 523 CACTCGAGCGCTTATGTGTGTGCAATCAATGCGAGGAGGATACAGATAAA 582
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 DB 2642 ATCTGAGCGCGCCTTCTGTGATCTAACTCAACTCAACTCAACTCAACTCA 2701
 QY 703 CC 704
 DB 2702 CC 2703

SEQUENCE 15
 US-09-240-473-2
 ; Sequence 2, Application US/09240473
 ; Patent No. 6397021
 ; GENE INFORMATION:
 ; APPLICANT: Greenspan, Daniel S
 ; APPLICANT: Takahara, Kazuhiko
 ; INVENTOR: Greenspan, Daniel S
 ; TITLE OF INVENTION: Murine Tolloid-Like Protein
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESS: Daniel S. Greenspan, M.D., Ph.D.
 ; STREET: 1 South Plinckney Street
 ; CITY: Madison
 ; STATE: WI
 ; ZIP: 53703
 ; COMPUTER READABLE FORM:
 ; FILE NAME: US-09-240-473-2
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.30
 ; APPLICATION NUMBER: US/09/240,473
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ADMINISTRATIVE INFORMATION:
 ; NAME: Bersoon, Bennett J
 ; REGISTRATION NUMBER: 37094

REFERENCE/ACCOUNT NUMBER: 960296.93839
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 608-251-5000
 TELEFAX: 608-251-9166
 INFORMATION FOR SEQ ID NO: 2:
 LENGTH: 4771 base pairs
 TYPE: nucleic acid
 STRANDNESS: double
 TOPOLOGY: linear
 NAME/KEY: CDS
 FEATURE: CDS
 LOCATION: 611..3652
 OTHER INFORMATION: /product= "murine mrl protein"
 US-09-240-473-2

Query Match 2.64; Score 51.6; DB 3; Length 4771;
 Best Local Similarity 50.84; Pred. No. 2.8e-05;
 Matches 133; Conservative 0; Mismatches 119; Indels 0; Gaps 0;

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Search completed: October 15, 2003, 11:19:28
 Job time : 96.2674 secs

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RESULT 8
 US-09-904-011-189 Application US/09/904/011
 Published No. US2003003530A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Gotsch, David
 APPLICANT: Bolstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Fournier, Jean-Louis
 APPLICANT: Fournier, Napoléone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gaudet, Robert
 APPLICANT: Gerber, Rainer
 APPLICANT: Gertsen, Mary E.
 APPLICANT: Gotsch, David
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Harlow, Robert J.
 APPLICANT: Kijewski, Jan J.
 APPLICANT: Mathier, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACID SEQUENCES Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/904/011
 PRIOR APPLICATION NUMBER: US/95/045,350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1995-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1995-07-28
 PRIOR APPLICATION NUMBER: US/99/20594
 PRIOR FILING DATE: 1995-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1995-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1995-11-05
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 PRIOR FILING DATE: 1995-12-20
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 PRIOR FILING DATE: 1995-12-20
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 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ. ID NOS.: 423
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GenCore version 5.1.6
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ON protein - protein search, using sw model

Run on: October 15, 2003, 11:16:43 ; Search time 27 Seconds
547,735 Million cell updates/sec

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Scoring table: BLOSUM62 Gapop 10.0, Gapext 0.5

Searchid: 328717 seqs, 42310859 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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US-08-470-3508-2
; Sequence 2, Application US/084703508
; Patent No. 5848120
; Applicant: Lf, Xiao
; Applicant: Snyder, Solomon H
; Title of Invention: Secreted von Willebrand's Gland
Protein Associated with Taste Buds
; Number of Sequences: 6
; Correspondence Address: Wtcoff, Ltd.
; Street: 1001 G Street, N.W.
; City: Washington
; State: District of Columbia
; Country: USA
; Zip: 20001
; Computer Readable Form:
Computer: IBM PC Compatible
; Operating System: PC-DOS/MS-DOS
; Current Application Data: Release 41.0, Version 11.25
; Application Number: US/084703508
; Filing Date: 4/35
; Attorney/Agent Information:
Name: Neiffe, Susan A
Address: 202-509-100
Reference/Jockey Number: 01.07.48790
; Telecommunication Information:
Telephone: 202-509-100
; Information for SEQ ID NO: 2:
; Name: 1290 amino acids
; Topology: Linear
; Molecule Type: Protein
US-08-470-3508-2

Query Match: 27.5%; Score 842; DB 1; Length 1280;
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QY 87 -----KNDP-----VFSSSTLTFTVDSARIQ 113

Patent No. 562846
 GENERAL INFORMATION:
 TITLE OF INVENTION: JUBILEN
 TITLE OF INVENTION: CONTRACEPTIVE VACCINE
 TITLE OF INVENTION: BASED ON ALLOIMMUNIZATION WITH ZONA PELLUCIDA
 POLYPEPTIDES
 NUMBER OF SOURCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINEZMAN
 ADDRESS: 145 JEROME AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10114
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATE: 08/453,472
 FILING DATE: 30-MAR-1995
 CLASSIFICATION: D435
 PRIORITY NUMBER: 206-4032 US
 FILING DATE: 26-MAR-1993
 PRIOR APPLICATION DATA: US 07/930,462
 FILING DATE: 20-AUG-1992
 PRIOR APPLICATION DATA: 07/564,779
 FILING DATE: 12-JUN-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTE
 REFERENCE/POCKET NUMBER: 2026-4032 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 58-4800
 TELEFAX: (212) 731-8849
 TELEX: 421752
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 113
 TYPE: amino acid
 STRANDNESS: single
 MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 ORGANISM: mouse
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 TISSUE TYPE:
 CELL TYPE:
 ORGANISM:
 FEATURES:
 NAME/KEY: ZP2
 IDENTIFICATION METHOD:
 OTHER INFORMATION: mouse ZP2 protein
 US-08-453-472-6
 Query Match
 Best Local Similarity 22.8%; Pred. No. 4.7e-19;
 Matches 129; Conservative 86; Mismatches 202; Gaps 150; Gaps 24;
 30 IISTVQLDPOGSESR-----INVDSE-----SSNPELQ 83
 155 IISYPLPFSIAEDAMNEDMVAIVGNGFRAPHLDAIVQGNLLDSKYLAV 214
 84 VSKNDIYFVESSTLTQI-VTDSARIQVITVFETIS-----IPN 131

Db 215 PARQGVTHVSSSTIVTQLELTFQGVTSYSHACAPULSWACNWHMLTPE 274
 QY 132 CGYDLEL-GSTFSPFMPHPLAYCVR---JOVEDYKLNKRFEDQCF 187
 Db 275 PFGNLSYFGQNSIPDQ-----WANGIDKATNGALNPLFSTFSSK 324
 QY 188 DELATDGPSTGLQGVGVTFPFSNSHIVYLDITAMSTGFSSTIAEN 247
 Db 325 PFOVY-----LSGLKATITPGMLSTYPS-----CRGS 357
 QY 248 IMTSLCSRSUWILKSTLEANGNENKLDQPTCR--FLSN--VFSPVLNC 303
 Db 358 PVSLELADQGFQFVSHQTPALNLTLLVNSQDPIFVQGLAFHLNC 417
 QY 304 GTIKVYKQDITTN-IITFSASSTVITKQGLITKCRMBHSTVELYITDVI 362
 Db 418 GTIQKEDGVITENEHLNENPNIYFNSFMTVC-----VTIHSML 466
 QY 363 QSNQAKLVNS-----MLPNSRSTYLERIVD-----LWYIVQV 404
 Db 467 LNAVKHSPSEAPKGVKGVLYDVPAG-VTDLASGCEDEKVTYF----- 451
 QY 405 S-LHSTSNVLTVPASVTFQVAP-VTDLASGCEDEKVTYF----- 451
 Db 522 KLSNPKPILKVDQWNSSEDPASAPQVIMDGE-----TELQNTFTFBAG 574
 QY 452 -----PENVGEGNATFL--BNGS-VTLQCKVLKIDSURG-RKQVGS--R 499
 Db 575 SNAHSHTQPVQVATYVNSRGLSLITFECNALICNVLSDPLCYCAILASK 634
 QY 500 KGLSTSTWDSIGPILKEDRAS 525
 Db 635 RKAANKPFTVSLQPIILLSDVSS 660
 RESULT 9
 US-08-453-467
 GENERAL INFORMATION:
 Patent No. 5641487
 TITLE OF INVENTION: CONTRACEPTIVE VACCINE BASED ON
 TITLE OF INVENTION: ALLOIMMUNIZATION WITH ZONA PELLUCIDA POLYPEPTIDES
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CUSHMAN, DAREY & CUSHMAN
 STREET: 1100 New York Avenue, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.
 ZIP: 20005-3911
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 SOFTWARE: IBM PC compatible
 SOFTWARE: SYMBIOSIS 2.00/MS-DOS
 SOFTWARE: PASCAL package 11.4, Version 11.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/038,948
 FILING DATE: 08/038,995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/930,462
 FILING DATE: 08/038,992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/564,379
 FILING DATE: 08/038,989
 ATTORNEY/AGENT INFORMATION:
 NAME: SCOTT, NELSON T.
 REGISTRATION NUMBER: 26,581
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 861-3000


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1 TELEFAX: (202) 822-0944
2 COMPUTER: IBM PC compatible
3 INQUIRY: 6714627 CISE
4 INQUIRY: 6714627 CISE
5 SEQUENCE CHARACTERISTICS:
6 LENGTH: 713 amino acids
7 TYPE: amino acid
8 STRANDEDNESS: single
9 TOPOLOGY: linear
10 MOLECULE TYPE: protein
11
12 US-08-038-948-7
13
14 Query Match
15 Best Local Similarity 22.8%; Pred. No. 4,7e-19;
16 Matches 149; Conservative 85; Mismatches 202; Indels 150; Gaps 24;
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18 QY 50 LIFSVDLPDQSCHEEN-----IKVDFST-----SSNQLDQ 83
19 DB 155 LIFSVDLPDQSCHEEN-----IKVDFST-----SSNQLDQ 83
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21 QY 84 VCKNDYVVFSSSTLTVI-VTSARIGVVFVFVFSPIS-----IPN 131
22 DB 215 PARATVGHVDSWATVGLLESTGKVFSSACAPGLSVKCMATMTLTP 274
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24 QY 132 CGVTLTE-SSGAGVWPKFPELAYCVH--IYVETKIKFKEIFEDKQCF 187
25 DB 275 PCKLSEVYVQNSIPEDQ-----WANGIKKATKNGKLFKELATSEK 324
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27 QY 188 DEATLQVTSNGLGVOGVWVFPESSSESLTVI-SIVANVTFQPSATSTI 247
28 DB 188 DEATLQVTSNGLGVOGVWVFPESSSESLTVI-SIVANVTFQPSATSTI 247
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31 DB 325 PFTQYF-----LSSKATFVQSGMLSTVDF-----CHES 357
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45 QY 405 S-LHSDPNUVPLVTCPSSTVSN-PYVALKSCSROKTCVPL----- 451
46 DB 405 S-LHSDPNUVPLVTCPSSTVSN-PYVALKSCSROKTCVPL----- 451
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49 DB 452 -----PHTGQFQNFATV-----KMSV-VLYCKVLCSSNDSS--KMGQCVS-RSK 499
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52 DB 575 SSANSHSHQFQVTFVAFVSGKGLSLITFRCALNQVSLSPVCPASLRSK 634
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54 QY 600 FVLSKATVNSHTGQVTLKEDKQAS 525
55 DB 600 FVLSKATVNSHTGQVTLKEDKQAS 525
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57 QY 635 REAKGRTVMSLPAPILLSSVSS 660
58 DB 635 REAKGRTVMSLPAPILLSSVSS 660
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60 RESULT 10
61 US-08-038-948-8
62 Sequence 8
63 Application US/08038948
64
65 GENERAL INFORMATION:
66 APPLICANT: DAN, JURRIEN
67 NUMBER OF INVENTION: ALLOMONIZATION WITH ZONA PELLUCIDA POLYPEPTIDES
68 NUMBER OF SEQUENCES: 14
69 CORRESPONDENCE ADDRESS: DABRY & CHUBMAN
70 STREET: 1100 New York Avenue, N.W.
71 CITY: Washington
72 STATE: D.C.
73 COUNTRY: U.S.
74 ZIP: 20005-3918
75
76 COMPUTER READABLE FORM:

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1 MEDION TYPE: floppy disk
2 COMPUTER: IBM PC compatible
3 INQUIRY: 6714627 CISE
4 INQUIRY: 6714627 CISE
5 SOFTWARE: Patent Release #1.0, Version #1.25
6 CURRENT APPLICATION DATA:
7 APPLICATION NUMBER: US/98/038,948
8 PUBLICATION NUMBER: 6,143,939
9 CLASSIFICATION: 435
10 PRIOR APPLICATION DATA:
11 PUBLICATION NUMBER: US 07,930,462
12 FILING DATE: 20-AUG-1992
13 PRIOR APPLICATION DATA:
14 APPLICATION NUMBER: US 07/664,379
15 FILING DATE: 20-AUG-1992
16 ATTORNEY/AGENT INFORMATION:
17 NAME: SCOTT, Watson T.;
18 ADDRESS: 16, 581
19 REFERENCE/DOCKET NUMBER: 99152/E-266-88/2
20 TELECOMMUNICATION INFORMATION:
21 TELEPHONE: (202) 620-3444
22 TELEFAX: 6714627 CISE
23 INFORMATION FOR SEQ ID NO: 8:
24 SOURCE: GenBank
25 LENGTH: 713 amino acids
26 TYPE: amino acid
27 STRANDEDNESS: single
28 MOLECULE TYPE: protein
29
30 US-08-038-948-8
31
32 Query Match
33 Best Local Similarity 22.8%; Pred. No. 4,7e-19;
34 Matches 129; Conservative 85; Mismatches 202; Indels 150; Gaps 24;
35
36 QY 50 LIFSVDLPDQSCHEEN-----IKVDFST-----SSNQLDQ 83
37 DB 155 LIFSVDLPDQSCHEEN-----IKVDFST-----SSNQLDQ 83
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39 QY 84 VCKNDYVVFSSSTLTVI-VTSARIGVVFVFVFSPIS-----IPN 131
40 DB 215 PARATVGHVDSWATVGLLESTGKVFSSACAPGLSVKCMATMTLTP 274
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42 QY 132 CGVTLTE-SSGAGVWPKFPELAYCVH--IYVETKIKFKEIFEDKQCF 187
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46 DB 188 DEATLQVTSNGLGVOGVWVFPESSSESLTVI-SIVANVTFQPSATSTI 247
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49 DB 325 PFTQYF-----LSSKATFVQSGMLSTVDF-----CHES 357
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52 DB 358 FVSDICADQPMGFVSYSHTKLEANSKNGKLGLODPTCP--KLSWV-VESVPLK 303
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54 QY 304 GTKVEQVQSITTN-LTFPSASSTVFQKGLQIVKCGHNSVTHIITEDVY 352
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57 QY 418 GTAKVEKATVTEMLHAWPNSVTFVNSFENAVIC-----YTRNSGL 466
58 DB 418 GTAKVEKATVTEMLHAWPNSVTFVNSFENAVIC-----YTRNSGL 466
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60 QY 363 GSNALAKYNS-----MALFNSKFTKLLSPYVD-----INQVGV 404
61 DB 467 LKATVKSHPSEVTFVGLVITVTPQDQR--PHQKSTVQLVQLAHIN 521
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63 QY 405 S-LHSDPNUVPLVTCPSSTVSN-PYVALKSCSROKTCVPL----- 451
64 DB 405 S-LHSDPNUVPLVTCPSSTVSN-PYVALKSCSROKTCVPL----- 451
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66 QY 452 -----PHTGQFQNFATV-----KMSV-VLYCKVLCSSNDSS--KMGQCVS-RSK 499
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70 DB 575 SSANSHSHQFQVTFVAFVSGKGLSLITFRCALNQVSLSPVCPASLRSK 634
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72 QY 600 FVLSKATVNSHTGQVTLKEDKQAS 525
73 DB 600 FVLSKATVNSHTGQVTLKEDKQAS 525
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75 QY 635 REAKGRTVMSLPAPILLSSVSS 660
76 DB 635 REAKGRTVMSLPAPILLSSVSS 660
77
78 RESULT 10
79 US-08-038-948-8
80 Sequence 8
81 Application US/08038948
82
83 GENERAL INFORMATION:
84 APPLICANT: DAN, JURRIEN
85 NUMBER OF INVENTION: ALLOMONIZATION WITH ZONA PELLUCIDA POLYPEPTIDES
86 NUMBER OF SEQUENCES: 14
87 CORRESPONDENCE ADDRESS: DABRY & CHUBMAN
88 STREET: 1100 New York Avenue, N.W.
89 CITY: Washington
90 STATE: D.C.
91 COUNTRY: U.S.
92 ZIP: 20005-3918
93
94 COMPUTER READABLE FORM:

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Db 325 PTPPT-----LAKCTFFGKMLBVD-----CCE5 157
Qy 248 INTSLVCSGDMRMTVSTKSLFANSGNMLQDLPCEP-KLSNV-VESVPMK 03
Db 358 PFDLQADQPCNGFVGTGKALMFLPNSGQPIVGPALNFIPIK 17
Qy 304 GTKRVESGITTN-ITFNSNSTSVTRKQQLGVCKEINSGNSTVITTEDY 362
Db 418 QTKVCEKVTENLALMRHPSVYVNSSEFVAC-----YTRNSL 66
Qy 363 GQNRALNTS-----MALFNSRFTKLSPTVD-----IMQLVQV 404
Db 467 LKNGVSGSPFVPPVPLVLTPTQSVOR-----YTRKDYVAVPLQPTM 521
Qy 405 8-LPTSNMLVLTQCAPEDTAS-PTDTLQSGSDCKVPL-----451
Db 522 KVLSPNFKVLALDQMSVDSASAPQWQVCKE-----YELNLTFTFPA 574
Qy 492 -----FETDRGQFQVATK-----RMSK-VKQGVITGSGDMS-NSK 499
Db 575 SNAHSGSTQFVTFVFEKSLGLSLITFHCALICMVDLSH-CVTPCLASK 634
Qy 600 DQISKQWNTSTQYKLDKQSLAS 525
Db 535 BEANKEDMTSLPOLLISDVS55 660
RESULT 14
US-08-991-408-4
; General Information: Application US/08991408
; Patent No. 600017
; GENERAL INFORMATION:
; APPLICANT: ALETH, ANTONK J.
; INVENTOR: ALETH, ANTONK J.
; APPLICANT: ELSHOURBAST, NAHL A.
; APPLICANT: LL, XIATONG
; TITLE OF INVENTION: HDRAW CMEDIA/C/BRAIN TOLLOID-LIKE
; REFERENCE/JOCKET NUMBER: ATG-50038
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ELSHOURBAST, NAHL A. PRESTIA
; STREET: P.O. BOX 980
; CITY: VALLEY FORGE
; STATE: PENNSYLVANIA
; ZIP: 15462
; COMPUTER READABLE FORM:
; DISK: 15462
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSDQ for Windows Version 2.0
; APPLICATION NUMBER: US/08/991,408
; FILING DATE:
; PRIORITY:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/034,471
; FILING DATE: 02-JAN-1997
; NAME: PRESTIA, PAUL
; REGISTRATION NUMBER: 23,031
; REFERENCE/JOCKET NUMBER: ATG-50038
; TELEPHONE: 610-407-0700
; TELEFAX: 610-407-0701
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 591 amino acids
; STANDARD: CD
; STANDARDS: Genbank
; TOPOLOGY: Linear

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; MOLECULE TYPE: protein
; US-08-991-408-4
; Query Match
; Best Local Similarity 9.4%; Score 288; DB 4; Length 591;
; Matches 79; Conservative 46; Mismatches 122; Indels 56; Gaps 9;
Qy 32 PEKNTWITRPNKSRIFSTVQLDPSGCEKINVTGSSMPLAQVCSNIVY 91
Db 62 PAKCVLVITYGSHVGLQFQSGSE-ERNDKLVQYLVSDVMSRPLQRCQ-YVMP 120
Qy 52 PYEESSTSLTQITVDSARQVTVFTF-----F 123
Db 121 EDRISTANTLWKFNSQDT-VKAGFANFTREDECAKFGCDRLATLASTQCAC 179
Qy 124 SNMISL-PN-----COOTLITRGSTFNPMPKAPLMVQVLEVDYKILMKR 175
Db 180 EDCVTEPRHSCAASDLKLTGKLTITFGKVPKNCVWVAVPTDLSVKE 239
Qy 176 EYFKEVSGKPLATVQPCNSGKCONGVPTF-PESSNSLTVLVGYEVANSTR 234
Db 245 PFLKMGKCKYDLYVNSGLSSKSLKQFQGVVPTFQPNFKEFSNLSVSK 299
Qy 235 GFESGSLTANTNTVSLGSDS-----RNVYVLSSTVL-----EADNVKNSLQEDPT 285
Db 300 GFNAHFTSDKDR-----CSKNGSCGHCNVYMGSLGQCNVNFYLDNNDKDEAR 351
Qy 286 CEPLK 390
Db 352 CMKI 356
RESULT 15
US-09-432-473-4
; General Information: Application US/09432473
; Patent No. 6385715
; GENERAL INFORMATION:
; APPLICANT: ALETH, ANTONK J.
; INVENTOR: ALETH, ANTONK J.
; APPLICANT: ELSHOURBAST, NAHL A.
; APPLICANT: LL, XIATONG
; TITLE OF INVENTION: CARDIAC/BRAIN TOLLOID-LIKE PROTEIN
; REFERENCE/JOCKET NUMBER: ATG-50038-D
; CURRENT APPLICATION NUMBER: US/09/432,473
; FILING DATE: 1995-11-07
; EARLIER FILING DATE: 1997-12-16
; EARLIER FILING DATE: 1997-12-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSDQ for Windows Version 3.0
; SEQ ID NO: 4
; SEQ ID NO: 591
; TYPE: PPT
; ORGANISM: HOMO SAPIENS
; US-09-432-473-4
; Query Match
; Best Local Similarity 9.4%; Score 288; DB 4; Length 591;
; Matches 79; Conservative 46; Mismatches 122; Indels 56; Gaps 9;
Qy 32 PEKNTWITRPNKSRIFSTVQLDPSGCEKINVTGSSMPLAQVCSNIVY 91
Db 62 PAKCVLVITYGSHVGLQFQSGSE-ERNDKLVQYLVSDVMSRPLQRCQ-YVMP 120
Qy 52 PYEESSTSLTQITVDSARQVTVFTF-----F 123
Db 121 EDRISTANTLWKFNSQDT-VKAGFANFTREDECAKFGCDRLATLASTQCAC 179
Qy 124 SNMISL-PN-----COOTLITRGSTFNPMPKAPLMVQVLEVDYKILMKR 175
Db 180 EDCVTEPRHSCAASDLKLTGKLTITFGKVPKNCVWVAVPTDLSVKE 239

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OY 181. IUKCKDFEALIDGSEINSLQOQCVPTTFESSNSITVLGDIYANSTGTSASY 240
Db 181. IUKCKDFEALIDGSEINSLQOQCVPTTFESSNSITVLGDIYANSTGTSASY 240
OY 241. TSTVAINHTSICSDSDMMVTISSTLEAKNENNNLOKDFCEKLSINYVESVPE 300
Db 241. TSTVAINHTSICSDSDMMVTISSTLEAKNENNNLOKDFCEKLSINYVESVPE 300
OY 301. NQCHITAKVDSQSTINTIIFSAASSTVTRKQGLQIVKCMHNSSTVLTITD 360
Db 301. NQCHITAKVDSQSTINTIIFSAASSTVTRKQGLQIVKCMHNSSTVLTITD 360
OY 361. VIGQWALAKVNSALFESNPKATLSESVYVQALNTVSLVSPNVAQVLTJC 420
Db 361. VIGQWALAKVNSALFESNPKATLSESVYVQALNTVSLVSPNVAQVLTJC 420
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Db 421. RASFPDPAQSTGLKSCSDQKQVYKQVCHVQKQVPAKRTYRANSTYLOCKVLI 480
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Db 540. CUSDRQSCNQCYSKSRKDSYKNTKDTIIGPTEKEDNSAGNSGQVHTHAETP 540
OY 541. NOPNSVHLSFWALJNVVATVIVSHVQKQVYKQV 585
Db 541. NOPNSVHLSFWALJNVVATVIVSHVQKQVYKQV 585

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RESULTS

26-320-190

Sequence 190, Application US/0909320

Patent No. US2001032240A1

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Bouteille, David

APPLICANT: Brann, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Flisaroff, Ellen

APPLICANT: Geier, Hanspeter

APPLICANT: Geor, Wei-Qiang

APPLICANT: Goddard, Mary E.

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Hildan, Kenneth J.

APPLICANT: Kladav, Ivaz J.

APPLICANT: Mather, Jeanie P.

APPLICANT: Peoni, Nicholas P.

APPLICANT: Roy, Margaret Ann

APPLICANT: Tamm, Anthony A.

APPLICANT: Tamm, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, J.

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT FILING DATE: 2002-01-04

PRIOR APPLICATION NUMBER: US/09/069,320

PRIOR FILING DATE: 2000-02-22

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/745,698

PRIOR FILING DATE: 1999-07-26

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

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/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-22
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/00219
/ PRIOR FILING DATE: 2000-01-03
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 190
/ SEQ ID NO 191
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-320-190
Query Match 100.0%; Score 3064; DB 10; Length 407;
Best Local Similarity 100.0%; Pred. No. 7-6e-277;
Matches 365; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1 MABGNSGCTVSGNNAATETKAMIQNFBCTWTRPENSIRITFTVQDPD 60
Db 23 MABGNSGCTVSGNNAATETKAMIQNFBCTWTRPENSIRITFTVQDPD 62
OY 61 GCSNENKYDGSNSPFLGVCSDQVYVFPSSSSSLTQVDSARLQRTVFT 120
Db 83 GCSNENKYDGSNSPFLGVCSDQVYVFPSSSSSLTQVDSARLQRTVFT 142
OY 121 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 180
Db 143 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 202
OY 181 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 240
Db 203 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 262
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OY 323 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 360
Db 345 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 382
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Db 405 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 442
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Db 465 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 502
OY 503 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 540
Db 525 TFSFPMISNOCOTLQTIESTSPNFKPPELAWCHWLVQDKTKLNFETLE 562
OY 541 NOPNSVHLSFWALJNVVATVIVSHVQKQVYKQV 585

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1 PRIOR FILING DATE: 1999-09-13
2 PRIOR FILING DATE: 1999-09-15 /US99/21090
3 PRIOR APPLICATION NUMBER: PCT/US99/21547
4 PRIOR FILING DATE: 1999-09-15
5 PRIOR FILING DATE: 1999-10-05 /US99/23089
6 PRIOR APPLICATION NUMBER: PCT/US99/28214
7 PRIOR FILING DATE: 1999-11-29 /US99/28313
8 PRIOR FILING DATE: 1999-11-30 /US99/28313
9 PRIOR APPLICATION NUMBER: PCT/US99/28564
10 PRIOR FILING DATE: 1999-12-12 /US99/28564
11 PRIOR APPLICATION NUMBER: PCT/US99/28565
12 PRIOR FILING DATE: 1999-12-02
13 PRIOR APPLICATION NUMBER: PCT/US99/30095
14 PRIOR FILING DATE: 1999-12-20
15 PRIOR APPLICATION NUMBER: PCT/US99/30999
16 PRIOR FILING DATE: 2000-01-05
17 PRIOR APPLICATION NUMBER: PCT/US00/00219
18 PRIOR FILING DATE: 2000-01-05
19 SEQ ID NO 38: 423
20 LENGTH: 607
21 TYPE: PEP
22 US-09-902-853-190

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Query Match 100.00; Score 3664; DB 10; Length 607;
Query Local Similarity 100.00; Prod No. 7.9e-277;
Matches 585; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Q7 1 MAAEDVAVASCTVGLGNAAPHTAMILQNFENCTPTTRVWKSIRITFTVQDPD 60
D8 23 MAAEDVAVASCTVGLGNAAPHTAMILQNFENCTPTTRVWKSIRITFTVQDPD 82
Q7 61 GCSSEHNVATPVSNSPLGQCKVDYVPFSSSSLTPTVDSARIGPVYVF 120
D8 63 GCSSEHNVATPVSNSPLGQCKVDYVPFSSSSLTPTVDSARIGPVYVF 142
Q7 121 TFPSPHSIPMGQYLOTLESPVCKTPEHPLACVHLQVCKYKIKNFETLE 180
D8 143 TFPSPHSIPMGQYLOTLESPVCKTPEHPLACVHLQVCKYKIKNFETLE 202
Q7 181 LDKQCFEPLATLDGTSNSLGLGCVGTPFFSSSLTPTVDSARIGPVYVF 240
D8 203 LDKQCFEPLATLDGTSNSLGLGCVGTPFFSSSLTPTVDSARIGPVYVF 262
Q7 241 TSATNATNCTVCSQDMRVTSKSTLEAFNSGNLQKQCEPLSNVVFSPY 300
D8 263 TSATNATNCTVCSQDMRVTSKSTLEAFNSGNLQKQCEPLSNVVFSPY 322
Q7 301 MCGGTFRVQSGQYLTITFTFASSTVETPQQQGLIKVCKEHSNSVETITED 360
D8 323 MCGGTFRVQSGQYLTITFTFASSTVETPQQQGLIKVCKEHSNSVETITED 382
Q7 361 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 420
D8 383 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 440
Q7 421 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 480
D8 443 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 502
Q7 481 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 540
D8 503 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 562
Q7 541 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 600
D8 563 TVDSARIGPVYVFSSSSLTPTVDSARIGPVYVFSSSSLTPTVDSARIGPVYVF 607

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RESULTS 6

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US-09-807-824-190
Sequence 190, Application US/09/007824
GENERAL INFORMATION: PCT/US00/019671A
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Filizotoff, Ellen
APPLICANT: Fog, Sherman
APPLICANT: Gao, Wei Qiang
APPLICANT: Gendreau, Robert
APPLICANT: Gerstlitz, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Goodman, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Johnson, David
APPLICANT: Metten, Jennifer P.
APPLICANT: Pan, James
APPLICANT: Paoletti, Nicholas F.
APPLICANT: Pridmore, Robert
APPLICANT: Schwartz, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Wood, William J.
APPLICANT: Wood, William J.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
CURRENT APPLICATION NUMBER: US/09/907,824
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US95/350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05

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13	8	14	2859	2	US-08-0506-340A-2	Sequence 2, April
14	14	3423	4	US-08-0471-112A-2	Sequence 2, April	
15	8	5430	11	US-08-0506-340A-11	Sequence 11, April	
16	8	5430	11	US-08-0506-340A-11	Sequence 11, April	
17	8	5430	4	US-09-032-504A-11	Sequence 11, April	
18	8	5430	4	US-09-032-504A-11	Sequence 11, April	
19	8	5430	4	US-09-032-399A-11	Sequence 4, April	
20	8	5430	4	US-09-032-399A-11	Sequence 4, April	
21	8	7653	4	US-08-0471-112A-1	Sequence 1, April	
22	8	8398	4	US-08-0471-112A-1	Sequence 1, April	
23	8	8398	4	US-08-0471-112A-1	Sequence 1, April	
24	8	14	13598	3	US-09-134-246-B	Sequence 3, April
25	8	14	13598	3	US-09-134-246-B	Sequence 3, April
26	8	14	28720A	4	US-09-0431-587-B	Sequence 4, April
27	8	14	28720A	4	US-09-0431-587-B	Sequence 4, April
28	7	12	36	US-09-103-840A-1	Sequence 1, April	
29	7	12	36	US-09-103-840A-1	Sequence 1, April	
30	7	12	36	US-09-386-607-5	Sequence 5, April	
31	7	12	78	US-08-031-259A-3	Sequence 2093, April	
32	7	12	78	US-08-031-259A-3	Sequence 2093, April	
33	7	12	78	US-08-031-259A-4	Sequence 4, April	
34	7	12	78	US-08-031-259A-4	Sequence 4, April	
35	7	12	78	US-08-031-259A-5	Sequence 5, April	
36	7	12	135	US-07-998-003A-84	Sequence 84, April	
37	12	135	135	US-07-998-003A-84	Sequence 84, April	
38	7	12	131	US-08-045-274A-84	Sequence 84, April	
39	7	12	131	US-08-045-274A-84	Sequence 84, April	
40	7	12	131	US-08-045-275A-84	Sequence 84, April	
41	7	12	131	US-08-045-275A-84	Sequence 84, April	
42	7	12	131	US-08-045-702A-84	Sequence 84, April	
43	7	12	131	US-08-045-702A-84	Sequence 84, April	
44	7	12	131	US-08-059-659A-84	Sequence 84, April	
45	7	12	131	US-08-059-659A-84	Sequence 84, April	
46	7	12	131	FCW US-05071-84	Sequence 84, April	
47	12	131	131	FCW US-05071-84	Sequence 84, April	
48	7	12	223	US-08-322-177A-14	Sequence 14, April	
49	7	12	243	US-08-322-177A-14	Sequence 14, April	
50	7	12	243	US-08-322-177A-14	Sequence 14, April	
51	7	12	279	US-08-322-177A-14	Sequence 14, April	
52	7	12	279	US-08-322-177A-14	Sequence 14, April	
53	7	12	279	US-08-322-177A-14	Sequence 14, April	
54	7	12	279	US-08-322-177A-14	Sequence 14, April	
55	7	12	279	US-08-322-177A-14	Sequence 14, April	

ALIGNMENT

RESULT 1

US-08-700-575-39

Sequence 39, Application US/09700575

Patent No.:

GENERAL INFORMATION:

APPLICANT: Au-Young, Janice

APPLICANT: Bandman, Olga

APPLICANT: Hawkins, Phillip R.

APPLICANT: Wilde, Craig G.

TITLE OF INVENTION: NOVEL HUMAN KINASE R

NUMBER OF SEQUENCES: 45

COMMENTS:

ADDRESS: INVITE PHARMACEUTICALS, INC

STREET: 3174 PORTER DRIVE

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPETERS: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBERS: US/08/700.575

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 SOFTWARE: PASCAL 1.0
 CURRENT PASCAL RELEASE: #1.0
 VERSION: #1.30
 CURRENT PASCAL DATA:
 PASCAL NUMBER: US/08/00/575
 CLASS DATE:
 ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 36749
 REGISTRATION/DOCKET NUMBER: SP-100 US
 TELEPHONE: 415-855-0555
 TELEPHONE: 415-855-0555
 TELETYPE: 415-845-4166
 TELETYPE: 415-845-4166
 SEQUENCE CHARACTERISTICS: 39:

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; LENGTH: 167 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MODIFIED BASES: CHM
; IMMEDIATE SOURCE: Pancreas
; LIBRARY: Pancreas
; CLONE: 223163
; US-09-700-375-39

Alignment Scores:
Pred. No.: 106-31 Length: 167
Score: 40.00 Percent Similarity: 98.18% Conservative: 1
Best Local Similarity: 98.18% Mismatches: 4
Query Match: 5.84% Gaps: 0
DB: 1

US-09-864-711-14 (1-585) x US-09-700-375-39 (1-167)
QY 255 CysSeSerSspARpKpAsqWalIcIleSrySerTyLeuGluKpAheASeSr 274
DQ 3 TGTCTCTCTGAGAGGAGGAGTATATACCAACCTCCCTAGAGCTTTTACTCT 62
QY 275 AAGLYANsLeuGlnLemLyAspPrVthCysKpFroLYsLeuSerAsValV 294
DQ 63 AGGGAGAACTCTGACCTACAGAGCCGCTCGAGAGGAGGAGGAGGAGGAGG 122
QY 295 GluPSeSerVProLeuAsqLYCysGlyThrIleKpLYsVal 309
DQ 123 GA TTTTCCTGCTCTTACAGATGATGATGATGATGATGATGATGATGAT 166

RESULT 2
US-09-328-352-3519
; Sequence 3519, Application US/0928352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Becton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: BARMANNI FOR DIAGNOSTICS AND THERAPEUTICS
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 3519
; LENGTH: 252
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
; US-09-328-352-3515

Alignment Scores:
Pred. No.: 29-7 Length: 252
Score: 8.00 Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 1.37% Gaps: 0
DB: 0

US-09-864-711-14 (1-585) x US-09-328-352-3519 (1-252)
QY 210 ValThrProThrPhaGluSer 217
DQ 198 GTTACCCACCATTTGAGAGCTCA 221

RESULT 3
US-09-894-998A-13/C
; Sequence 13, Application US/0989498A
; Patent No. 6537555
; GENERAL INFORMATION:
; APPLICANT: Hosken, Nancy Ann
; APPLICANT: Hosken, Nancy Ann
; APPLICANT: Craig C. Dillon
; APPLICANT: McGowan, Patrick
; APPLICANT: Sleath, Paul R.
; TITLE OF INVENTION: REAGENT OF HERPES SIMPLEX VIRUS DIAGNOSIS AND
; FILE REFERENCE: 210121.538

```

```

; APPLICANT: Sleath, Paul R.
; TITLE OF INVENTION: REAGENT OF HERPES SIMPLEX VIRUS DIAGNOSIS AND
; FILE REFERENCE: 210121.538
; CURRENT APPLICATION NUMBER: US/09/894,998A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 501
; TYPE: DNA
; ORGANISM: Herpes simplex virus
; US-09-894-998A-13

Alignment Scores:
Pred. No.: 57-8 Length: 501
Score: 100.00 Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 4.37% Gaps: 0
DB: 0

US-09-864-711-14 (1-585) x US-09-894-998A-13 (1-501)
QY 232 SerTyArgcLYpHeSrAlseSr 239
DQ 139 TGTACAGAGGATTTTCGCTCG 116

RESULT 4
US-09-328-352-3514
; Sequence 3514, Application US/0928352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: GRAY J.L. Becton et al.
; TITLE OF INVENTION: BARMANNI FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-039A US/09/328,352
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 3514
; LENGTH: 252
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
; US-09-328-352-3514

Alignment Scores:
Pred. No.: 69-2 Length: 603
Score: 8.00 Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 1.37% Gaps: 0
DB: 0

US-09-864-711-14 (1-585) x US-09-328-352-3514 (1-603)
QY 210 ValThrProThrPhaGluSer 217
DQ 130 GTTACCCACCATTTGAGAGCTCA 153

RESULT 5
US-09-894-998A-53/C
; Sequence 53, Application US/0989498A
; Patent No. 6537555
; GENERAL INFORMATION:
; APPLICANT: Hosken, Nancy Ann
; APPLICANT: Hosken, Nancy Ann
; APPLICANT: Craig C. Dillon
; APPLICANT: McGowan, Patrick
; APPLICANT: Sleath, Paul R.
; TITLE OF INVENTION: REAGENT OF HERPES SIMPLEX VIRUS DIAGNOSIS AND
; FILE REFERENCE: 210121.538

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US-09-864-711-14 (1-585) x US-07-866-979-3 (1-1260)

QY 250 ThrtsrLeathCysSer 257
DB 358 AACTCTATGAGTCTCATCT 361

RESULT 8
US-08-466-9068-3
Patent No. 5818971
GENERAL INFORMATION:
APPLICANT: Code, Roger D
INVENTOR: McDaniel, Nicholas G
TITLE OF INVENTION: Melanocyte Stimulating Hormone Receptor
TITLE OF INVENTION: Methods and Reagents for Discovering and
NAMES OF INVENTORS: To Modulate Feeding Behavior in Animals
CORRESPONDENCE ADDRESS:
ADDRESS: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CONVERT: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08-466-9068
FILING DATE: 08-SEP-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, Nicholas G
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 92,134-H
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INVENTOR PRO 690 ID NO. 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1260 base pairs
TYPE: nucleic acid
STANDARDS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
FRAGMENT TYPE: 5'UTR
NAME/KEY: 5'UTR
LOCATION: 1..14
FEATURE: CDS
LOCATION: 15..959
FEATURE: 3'UTR
NAME/KEY: 3'UTR
LOCATION: 960..1260
US-08-466-9068-3

Alignment Scores: 142 Length: 1260
Pred. No.: 8.00 Matches: 8
Score: 100.00% Conservative: 0
Percent Similarity: 100.00% Identical: 0
Query Match: 100.00% Mismatches: 0
DB: 1.37% Gaps: 0
US-08-466-9068-3

US-09-864-711-14 (1-585) x US-08-466-9068-3 (1-1260)

QY 250 ThrtsrLeathCysSer 257
DB 358 AACTCTATGAGTCTCATCT 361

RESULT 9

US-08-706-281A-3
Sequence 3, Application US/08706281A

GENERAL INFORMATION:
APPLICANT: Code, Roger D
INVENTOR: McDonnell, Nicholas G
TITLE OF INVENTION: Methods and Reagents for Discovering and
NAMES OF INVENTORS: To Modulate Feeding Behavior in Animals
CORRESPONDENCE ADDRESS:
ADDRESS: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CONVERT: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08-706-281A
FILING DATE: 04-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, Nicholas G
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 96,886
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INVENTOR PRO 690 ID NO. 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1260 base pairs
TYPE: nucleic acid
STANDARDS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
FRAGMENT TYPE: 5'UTR
NAME/KEY: 5'UTR
LOCATION: 1..14
FEATURE: CDS
LOCATION: 15..959
FEATURE: 3'UTR
NAME/KEY: 3'UTR
LOCATION: 960..1260
US-08-706-281A-3

Alignment Scores: 142 Length: 1260
Pred. No.: 8.00 Matches: 8
Score: 100.00% Conservative: 0
Percent Similarity: 100.00% Identical: 0
Query Match: 100.00% Mismatches: 0
DB: 1.37% Gaps: 0
US-08-706-281A-3

US-09-864-711-14 (1-585) x US-08-706-281A-3 (1-1260)

QY 250 ThrtsrLeathCysSer 257
DB 358 AACTCTATGAGTCTCATCT 361

RESULT 10

US-08-706-281A-3
Sequence 3, Application US/08706281A

```

; Patent No. 6268221
;
; GENERAL INFORMATION: Roger D
; APPLICANT: Mountjoy, Kathleen G
; TITLE OF INVENTION: Melanocyte Stimulating Hormone Receptor
; INVENTOR: Mountjoy, Kathleen G
; NUMBER OF SEQUENCES: 8
;
; CORRESPONDENCE ADDRESS:
; ADDRESSES: McDonnell, Norman Rubert & Berghoff
; 300 North Wacker Drive
; CHICAGO
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; APPLICATION DATE: 05/09/201746
; FILING DATE: 01-DEC-1998
; CLASSIFICATION: 435
; ADDRESS/REFERENCE:
; NAME: No. 6268221naa, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 92,154-J
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
;
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1260 base pairs
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; NAME/KEY: 5'UTR
; LOCATION: 1..14
; FEATURE: CDS
; FEATURE: 3'UTR
; LOCATION: 960..1260
; NAME/KEY: 5'UTR
; LOCATION: 1..14
; FEATURE: CDS
; FEATURE: 3'UTR
; LOCATION: 960..1260
;
; US-09-201-746-3
; Alignment Scores:
; Pred. No.: 142
; Score: 8.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 1.37%
; Mismatches: 0
; Indels: 0
; Gaps: 0
;
; US-09-864-711-14 (1-585) x US-09-201-746-3 (1-1260)
; QY 250 ThirtysixthCysSer 257
; DB 358 AACACCTATGAGCTCTATCT 381
;
; RESULT 12
; US-09-864-711-14 (1-585) x US-09-201-746-3 (1-1260)
; Sequence 3, Application US/0907231
; Patent No. 6278038
; GENERAL INFORMATION:
; APPLICANT: Cone, Roger D
; ADDRESSES:
; 10000
; Boston
; Kesterton, Robert A
; In, Douglas
; TITLE OF INVENTION: Melanocyte Stimulating Hormone Receptor and Uses
; NUMBER OF SEQUENCES: 22

```

```

;
; CORRESPONDENCE ADDRESS:
; ADDRESSES: McDonnell, Norman Rubert & Berghoff
; 300 North Wacker Drive
; CHICAGO
; STATE: ILLINOIS
; COUNTRY: USA
; ZIP: 60606
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; APPLICATION DATE: 05/09/201746
; FILING DATE: 12-Jan-1998
; CLASSIFICATION: cDNAomw>
; ADDRESS/REFERENCE:
; NAME: No. 6278038naa, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 96,886-C
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
;
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1260 base pairs
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; NAME/KEY: 5'UTR
; LOCATION: 1..14
; FEATURE: CDS
; FEATURE: 3'UTR
; LOCATION: 960..1260
; NAME/KEY: 5'UTR
; LOCATION: 1..14
; FEATURE: CDS
; FEATURE: 3'UTR
; LOCATION: 960..1260
;
; US-09-097-231-3
; Alignment Scores:
; Pred. No.: 142
; Score: 8.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 1.37%
; Mismatches: 0
; Indels: 0
; Gaps: 0
;
; US-09-864-711-14 (1-585) x US-09-097-231-3 (1-1260)
; QY 250 ThirtysixthCysSer 257
; DB 358 AACACCTATGAGCTCTATCT 381
;
; RESULT 12
; US-09-353-099-3
; Sequence 3, Application US/0935099
; Patent No. 6278038
; GENERAL INFORMATION:
; APPLICANT: Cone, Roger D
; ADDRESSES:
; 10000
; Boston
; Kesterton, Robert A
; In, Douglas
; TITLE OF INVENTION: Methods and Reagents for Discovering and
; Using Mammalian Melanocortin Receptor Agonists and Anti
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:

```



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1 CURRENT APPLICATION DATA:
2 APPLICATION NUMBER: US/08/471-112A
3 FILING DATE: 06-JUN-1995
4 CLASSIFICATION: 536
5 PRIORITY INFORMATION:
6 APPLICATION NUMBER: US 08/384,524
7 FILING DATE: 13-FEB-1995
8 PRIOR APPLICATION DATA: US 08/312,023
9 FILING DATE: 26-SEP-1995
10 PRIOR APPLICATION DATA: 08/207,975
11 FILING DATE: 08-MAR-1994
12 PRIORITY INFORMATION:
13 NAME: Siekman, Michael T
14 REFERENCE/DOCKET NUMBER: 01142,0038-00000
15 TELECOMMUNICATION INFORMATION:
16 TELEPHONE: 702-408-4000
17 INFORMATION FOR SEQ ID NO: 2:
18 SEQUENCE CHARACTERISTICS:
19 TYPE: nucleic acid
20 STRANDEDNESS: Double
21 TOPOLOGY: linear
22 MOLECULE TYPE: DNA
23 US-08-471-112A-2
24
25 Alignment Scores:
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27 Percent Similarity: 8.00 Matches: 8
28 Query Match: 100.00% Conservative: 0
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30 Gaps: 4
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35 DB 2464 TCGACNACTCGGCCTATG6C 2487
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37 RESULT 15
38 US-08-471-112A-2
39 Sequence 11: Application US/09/012515A
40 Patent No. 6127521
41 GENERAL INFORMATION:
42 APPLICANT: Vishia
43 APPLICANT: Chh, Maria Isabel
44 APPLICANT: Cottarel, Guillaume
45 TITLE OF INVENTION: IMMUNOSUPPRESSANT TARGET PROTEINS
46 NUMBER OF SEQUENCES: 35
47 CORRESPONDENCE ADDRESS:
48 ADDRESS: One Post Office Square
49 STREET: One Post Office Square
50 CITY: Boston
51 STATE: MA
52 COUNTRY: USA
53 ZIP: 02109-2170
54 COMPUTER READABLE FORM:
55 MEDIUM TYPE: Floppy disk
56 OPERATING SYSTEM: PC-DOS/MS-DOS
57 SOFTWARE: PatentIn Release #1.0, Version #1.30
58 CURRENT APPLICATION DATA:
59 FILING DATE: 09/09/012,515A
60 CLASSIFICATION:
61 PRIOR APPLICATION DATA:
62 APPLICATION NUMBER: US 08/360,144
63 FILING DATE: 20-DEC-1994

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1 ATTORNEY/AGENT INFORMATION:
2 REFERENCE/DOCKET NUMBER: 36,709
3 TELECOMMUNICATION INFORMATION:
4 TELEFAX: 617-832-7000
5 INFORMATION FOR SEQ ID NO: 11:
6 SEQUENCE CHARACTERISTICS:
7 LENGTH: 4430 base pairs
8 TYPE: nucleic acid
9 STRANDEDNESS: both
10 TOPOLOGY: circular
11 MOLECULE TYPE: DNA
12 FEATURE:
13 CDS
14 LOCUS: 01-5427
15 US-09-012-515A-11
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24 US-09-864-711-14 (1-585) x US-09-012-515A-11 (1-5430)
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26 Search completed: October 15, 2003, 16:11:05
27 Job time : 100 sec

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 : Patent No. US 09/905-291A
 : GENERAL INFORMATION:
 : APPLICANT: Genentech, Inc.
 : APPLICANT: Desnoyers, Luc
 : APPLICANT: Bolstein, David
 : APPLICANT: Desnoyers, Luc
 : APPLICANT: Perrault, Napoleone
 : APPLICANT: Filvaroff, Ellen
 : APPLICANT: Fong, Sherman
 : APPLICANT: Gierber, Hanspeter
 : APPLICANT: Griffland, Christopher J.
 : APPLICANT: Gurney, Austin L.
 : APPLICANT: Kijewski, Iyer J. J.
 : APPLICANT: Mather, Jennie P.
 : APPLICANT: Pardi, Nicholas P.
 : APPLICANT: Roy, Margaret Ann
 : APPLICANT: Stewart, Timothy A.
 : APPLICANT: Williams, P. Mickey
 : APPLICANT: Wood, William I.
 : TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 : FILE REFERENCE: 10466-14
 : CURRENT APPLICATION NUMBER: US/09/905-291A
 : PRIOR APPLICATION NUMBER: PCT/US00/04414
 : PRIOR FILING DATE: 2000-02-22
 : PRIOR APPLICATION NUMBER: US 60/433,048
 : PRIOR FILING DATE: 1999-07-26
 : PRIOR APPLICATION NUMBER: US 60/145,698
 : PRIOR FILING DATE: 1999-07-26
 : PRIOR APPLICATION NUMBER: PCT/US99/20594
 : PRIOR FILING DATE: 1999-09-08

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Patent score: 3064
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Minimum DB seq length: 0
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Pred No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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2	470.5	3802	4	US-09-41-587-4	Sequence 4, Appl
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4	293.5	9.6	11272	4 US-09-41-461.1	Sequence 1, Appl
5	293	9.6	4771	2 US-08-466-650-2	Sequence 2, Appl
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ALIGNMENTS

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? Sequence 1, Application US/08470350B
? Patent No. 5684126
? GENCODE VERSION: 5.1.6
? APPLICANT: Eli Lilly
? APPLICANT: Snyder, Solomon H
? TITLE OF INVENTION: Rhoerlin A Secreted von Kner's Gland
? Associated with Taste buds
? NUMBER OF SEQUENCES: 6
? CORRESPONDENCE ADDRESS:
? 1001 C STREET, N.W.
? WILSON, D.C.
? CITY: Washington
? STATE: D.C.
? COUNTRY: USA
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? FILING DATE: 06/08/470,350B
? CLASSIFICATION: 435
? NAME: Wolff, Susan
? REFERENCE NUMBER: 33,568
? REFERENCE/DOCKET NUMBER: 0107/48790
? TELEPHONE: 202-508-9259
? TELEFAX: 202-508-9259
? INFORMATION FOR SEQ ID NO. 1:
? SEQ. NAME: US-08-470-350B
? LENGTH: 430 base pairs

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 : Sequence 4, Application US/09341587
 : Accession Number: US09341587
 : GENERAL INFORMATION
 : TITLE OF INVENTION: Protein Containing an SRC Domain
 : INVENTOR: Mollenhauer, Jan
 : CURRENT APPLICATION NUMBER: US/09/341,587
 : CURRENT FILING DATE: 1999-08-31
 : PRIORITY DATE: 1999-08-31
 : EXAMINER FILING DATE: 1999-08-31
 : NUMBER OF SEQ ID NOS: 12
 : SOFTWARE: PatScan Ver. 2.1
 : SEQ. LENGTH: 5802
 : GENE: *src*
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-09-341-587-4

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 Best Local Similarity: 122
 Best Match: 138
 Gaps: 27-324
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QY 368 Len 368
 Db 1993 ATC 1995

SEQUENCE 4
 US-09-341-461-1
 ; Sequence 3, Application US/09341461
 ; Patent No. 6586389
 ; APPLICANT: Verroust, Pierre J.
 ; TITLE OF INVENTION: CUBILIN Protein, DNA Sequences Encoding Cubilin
 ; FILING DATE: 05/18/99
 ; PRIORITY: 05/18/99
 ; CURRENT APPLICATION NUMBER: US/09/341,461
 ; PRIORITY APPLICATION NUMBER: PCT/US99/01259
 ; PRIOR FILING DATE: 1999-01-21
 ; NUMBER OF SEQ ID NOS: 40
 ; LENGTH: 11272
 ; TYPE: DNA
 ; FEATURE: rec
 ; OTHER INFORMATION: nucleic acid sequence of rat cubilin

US-09-341-461-1

Alignment Scores:
 Pred. No.: 1,696-22 Length: 11272
 Identical: 45,968
 Similarity: 45,968
 Best Local Similarity: 147
 Mismatches: 147
 Query Match: 9.58%
 Gaps: 4

US-09-864-711-14 (1-585) x US-09-341-461-1 (1-11272)

QY 4 AmllelelthPhaserAlsenrthSergLwlllethary 23
 Db 4840 GCGATCTGCGACGAGTCTC-----GAGCGCGCGACGACGCTCC 4887

QY 24 LysalmetlelndleuAnp-----SergLwlllethary 38
 Db 4888 GATATCTCTCTCCGACCTCCACCTCCACCTCCACCTCCACCTCCACCTCC 4947

QY 39 ThrleuL-----ArgpGduanlyserlelAarglelthPhaserlyvalgln 57
 Db 4948 ATATGATGACCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCC 5007

QY 58 AsprGspolySarcylserleuAnlelthSvalPhasepLythSerAn 77
 Db 5008 CAAACGCGACGACGACGACGACGACGACGACGACGACGACGACGACG 5067

QY 78 GlyProleuLeuLysalValSerylsAspLythProvalPhelglsSer 97
 Db 5068 GCGACTCTGCGACGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCC 5124

QY 98 SerSerlethPhelglslelthValAsperlelthAarglelthSvalPhe 117
 Db 5125 GCGACGCTCCGACGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCC 5184

QY 118 ValPhePtyrPhaserProbsrlelthSergLwlllethary 137
 Db 5185 GCGACGCTCCGACGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCC 5239

QY 138 PheAscllylthPhaserlelthSergLwlllethary 157
 Db 5230 ACACCTGATGATCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCG 5289

QY 158 CysAllylthSergLwlllethary 177
 Db 5290 ATGATCTGACGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCC 5349

QY 178 PheAscllylthPhaserlelthSergLwlllethary 197
 Db 5350 AATTGAGATCTCTAACTGTAAGAGATTTTGTGAAATCCGAGAGAAATGCC 5409

QY 198 PheAscllylthPhaserlelthSergLwlllethary 217
 Db 5410 AGCGAGC-----TGTATGAGACTCTGAGAACTCCCTCGGGAATATTCTCA 5466

QY 218 Ser-----SerserlethPhaserlelthSergLwlllethary 235
 Db 5467 GGTGAGGAGCAGTCTATGAGCTGATGCTCTCTGATGCTGAGCTGAGCTG 5526

QY 236 PheAscllylthPhaserlelthSergLwlllethary 253
 Db 5527 TTGAGCGAGCTTCAAAATATTGCGCAATATTGCGCAATATTGCGCAAT 5586

QY 254 ThrCysSer-----SerserlethPhaserlelthSergLwlllethary 264
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QY 265 SerylserylelthLysalPheAs-----SerserlethPhaserlelth 282
 Db 5647 AAT-----GTGAGCGAGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5697

QY 283 AsprGspolySarcylserleuAnlelthSvalPhasepLythSerAn 297
 Db 5698 GAGCGCGACGACGACGACGACGACGACGACGACGACGACGACGACG 5757

QY 298 ValProleuLeuLysalValSerylsAspLythProvalPhelglsSer 315
 Db 5758 TCCGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5805

QY 316 Tythr-----AmllelelthPhaserAlsenrthSergLwlllethary 333
 Db 5806 TCGAGTGAAGACTCTGACATTCAGTTTCTTCGACTCTCTCTCTCTCTG 5862

RESULTS
 US-08-866-550-2
 ; Sequence 2, Application US/0886650
 ; Patent No. 593921
 ; APPLICANT: Greenap, Daniel S
 ; APPLICANT: Takahara, Kazuhiko
 ; APPLICANT: Softman, Ory G
 ; INVENTOR: Greenap, Daniel S
 ; NUMBER OF SEQUENCES: 13
 ; CORRESPONDENCE ADDRESS: 13333 133rd Avenue, Suite 200, Redwood City, CA 94061
 ; STREET: 1 South Plinkney Street
 ; CITY: Madison
 ; STATE: WI
 ; ZIP: 53703
 ; COMPUTER READABLE FORM
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release 11.0, Version 11.30
 ; APPLICATION NUMBER: US/08/866,550
 ; FILING DATE: 05/11/99
 ; NAME: Person, Bennett J
 ; REGISTRATION NUMBER: 37094
 ; TELEPHONE: 608-251-5000
 ; TELEFAX: 608-251-9166
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 4711 base pairs


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Oy 52 PhsSerTyValGlnLeuAspProGlySerCysGluSerGluSerLeuValPhe 71
Db 2120 TTTCAGGCTGTGGATGCGACACATACATGCTGCTATGACACATAGAGATTGCA 2179
Oy 72 AspGlyThrSerSerAndGlyProLeuLeuLeuValGlyCysSerLeuAspTyVal 91
Db 2180 GATGACGCGTGGAGACAGCCCTGTATGAGAGCGTCTGTGGT---TATGCAACACT 2236
Oy 92 ProValPheGluSerSerSerSerLeuThrPheLeuValThrValThrSerValAlaArg 111
Db 2237 GAGGATATATAGCTCTACTCTCCACACACCTGTGTATGATGATTTCTCTGACGGACT--- 2293
Oy 112 TieGlnAlaGlyValPheValPheTyPhe-----Phe 123
Db 2294 GTGACGAGCGCTGCTGCGACACTTTTATACGAGAGATGATGTGCTCCAACT 2353
Oy 123 -----Phe 123
Db 2354 CACCGAGAGCTGTGACACAGCTGCTTTACACACTACAGCTACAGCTGTGCTGCT 2413
Oy 124 SerProAlaLeuSerIle---ProLeu-----CysGlyGlyTyr 135
Db 2414 GAGCTGCTGTGACGCTGCGACGAGCGCTGTATGAGAGCGTGTGAGAGCTTCTGAGAGCT 2473
Oy 136 LeuAspThrLeuLeuIlePhePheThrSerProLeuProPheProLeuLeu 155
Db 2474 GTGAGAGCTGTATGACCATATACACACACCGCTGCTGACAGAGTGTGACAGTCCAAAC 2533
Oy 156 AlaGlyCysGlyThrIleLeuValGlnGlyAspGlyTyrIleGlySerLeuThrPhe 175
Db 2534 AAAACATGTGTGTGGCAATGATCGCCGACGACGCTGAGATCTGTGGAAGTTTGA 2593
Oy 176 GlnIlePheGlnIleLeuSerGlnCysGlyPheGlyPheGlnAlaIleTyrAspGly 195
Db 2594 TTTTTCGATGAGGACGATGAGTTTCCAAATGATGATGCTGCTGACGACGCTGACGACG 2653
Oy 196 ProSerThrSerSerGlyLeuLeuGlyValGlyCysLeuValThrPro---ThrPhe 214
Db 2654 CTTCTCTGCTGATCTTAACCTGACGCGAGCTTGTGCTGCTGATATCTGAGTGATG 2713
Oy 215 GlnSerSerSerSerSerLeuThrValLeuSerThrAspTyrAlaAspSerTyrArg 234
Db 2714 ACTTCCATTTCCACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2773
Oy 235 GlyPheSerAlaSerTyrThrSer-----Tie 243
Db 2774 GCTTCACACACATTTTCTTCATGATGATGATGATGATGATGATGATGATGATGATGATG 2833
Oy 244 TyrAlaGlnLeuLeuThrThr---SerLeuThrCysSerSerAspGlnetAla 262
Db 2834 CACGAGCGCTGACGCGCGCGGATGCGGATGCGGATGCGGATGCGGATGCGGATGCGG 2878
Oy 263 TieIleSerTyrSerTyrLeuGlnAlaPheAspSerSerLeuValLeuLeuLeuLeu 282
Db 2879 -----CGAGAGGATGCTGTTCGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2920
Oy 283 ASPProTyrCysArgProGlyLeu 290
Db 2921 GAGCGAGTGTGACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2944

RESULT 7
; Sequence 2, Application us/09240473
; Patent No. 6297011
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc., Danal S
; APPLICANT: Tashiro, Kazuhiko
; APPLICANT: Boffman, Gary G
; NAME OF INVENTION: Mammalian Follicle-like Protein
; ADDRESS OF INVENTOR: Genentech, Inc., 460 Point San Bruno Blvd,
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady

```

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; STREET: 1 South Plinney Street
; CITY: Madison
; STATE: WI
; COUNTRY: US
; COMPUTER FILENAME: PHE
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; SOFTWARE: PHE-1.0, Version 1.0
; CURRENT RELEASE: 11.0, Version 1.0
; APPLICATION NUMBER: 09/240,473
; CLASSIFICATION:
; AUTHOR/AGENT INFORMATION:
; NAME: Genentech, Inc.
; ADDRESS: 460 Point San Bruno Blvd,
; CITY: South San Francisco, CA 94080
; REFERENCE/AGENT NUMBER: 960396.93839
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-9166
; INFORMATION FOR SDO ID NO: 2:
; SOURCE: CHINA PATENT OFFICE
; NUMBER: 4771
; TYPE: nucleic acid
; STRANDNESS: double
; FEATURE: 4771
; MOLECULE TYPE: DNA (genomic)
; NAME/KEY: CDS 3652
; OTHER INFORMATION: /product= "murine m11 protein"
; US-09-240-473-2
; Alignment Scores:
; Pred. No.: 44e-23
; Length: 4771
; Score: 293.00
; Matches: 79
; Best Local Similarity: 25.63%
; Mismatches: 120
; Query Match: 9.56%
; Indels: 62
; Gaps: 9
; US-09-864-711-14 (1-585) x US-09-240-473-2 (1-4771)
Oy 32 PhsGlnCysGlyThrPheThrIleGlnGlyProGlnLeuSerSerLeuValTie 51
Db 2060 CCATAGAGAGCTGTATGAAATATGATGTCTCCAGGCTCAATGTGTGACTGACC 2119
Oy 52 PhsSerTyValGlnLeuAspProGlySerCysGluSerGluLeuValPhe 71
Db 2120 TTTGAGCTTTGATGATGACGACGACGACGACGACGACGACGACGACGACGACGACG 2179
Oy 72 AspGlyThrSerSerAndGlyProLeuLeuLeuValGlyCysSerLeuAspTyVal 91
Db 2180 GATGACGCTGTGAGACGACGACGACGACGACGACGACGACGACGACGACGACGACG 2236
Oy 92 ProValPheGluSerSerSerSerLeuThrPheLeuValThrValThrSerValAlaArg 111
Db 2237 GAGGATATGAGCTCTACTCTCCACACCTGTGTATGATGATTTCTCTGACGGACT--- 2293
Oy 112 TieGlnAlaGlyValPheValPheTyPhe-----Phe 123
Db 2294 GTGACGAGCGCTGCTGCGACACTTTTATACGAGAGATGATGTGCTCCAACT 2353
Oy 123 -----Phe 123
Db 2354 CACCGAGAGCTGTGACACAGCTGCTTTACACACTACAGCTACAGCTGTGCTGCTGCT 2413
Oy 124 SerProAlaLeuSerIle---ProLeu-----CysGlyGlyTyr 135
Db 2414 GAGCTGCTGTGACGCTGCGACGAGCGCTGTATGAGAGCGTGTGAGAGCTTCTGAGAGCT 2473
Oy 136 LeuAspThrLeuLeuIlePhePheThrSerProLeuProPheProLeuLeu 155

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Best Local Similarity: 22.19%      Mismatches: 234
Query Match: 9.45%                Indels: 159
                                     Gaps: 27

US-09-864-711-14 (1-585) x US-08-038-948-6 (1-2201)

OY 50 TlethepeserTherValGluGluAapProPheSerCysGluSerLysLeu 67
DB 49 ATATCTTTTCTTCCACAGACTCTCTAGCTCTGTGTATGATGATGATGATGATCT 552
DB 11 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
OY 68 -----TlelyValPheAspGlyPhe----- 74
DB 55 GATAGGAGAGATGATTTATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 612
DB 11 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
OY 73 -----SerSerAsnGlyProLeuLeuGlyLys 83
DB 61 GATGCTATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 672
DB 11 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
OY 673 CAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 732
DB 104 Glllele-ValThrAspSerLysArgLleGlyLysValPheValPheValPhe 122
OY 733 CAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 792
DB 123 PheSerAspAlaLeu-----TleSerAsn 131
OY 793 TGGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 852
DB 132 CysGlyLysValPheValPheValPheValPheValPheValPheValPheVal 150
OY 853 TTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 909
DB 151 ProHisProGluLeuLysCysValPheHis-----TleGlyValLysLeu 167
OY 910 -----TGGGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 942
DB 168 TylelyLysLeuAspPheValPheValPheValPheValPheValPheValPhe 187
OY 943 ATGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1002
DB 188 AspPheLeuAlaLysLysLysLysLysLysLysLysLysLysLysLysLys 207
OY 1003 CAGTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1023
DB 208 GlyAlaValThrThrPheLeuSerSerSerSerSerSerSerSerSerSerSer 227
OY 1024 TGTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1083
DB 228 AspTyrAlaSerSerTyrArgGlyPheSerAlaLysThrThrThrThrThrThr 247
DB 1084 GAG -----TGGCAGTCTGATGAT 1103
DB 248 TleAsnThrThrLeuThrCysSerSerSerSerSerSerSerSerSerSerSer 267
OY 1102 CAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1161
DB 268 TyleLysLysLysLysLysLysLysLysLysLysLysLysLysLysLysLys 287
OY 1162 CAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1221
DB 288 Pro-----TyleLysLeuSerAlaVal-----ValGluPheSerAlaProGluLysCys 303
OY 1222 CATTATTCAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1281
DB 304 GlyThrLysGlyValGluAspGlnSerLysThrThrThrThrThrThrThrThr 322
OY 1282 GAGCAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1341
DB 323 SerAlaSerSerThrGluValLysLysLysLysLysLysLysLysLysLysLys 342
OY 1342 TGGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1401

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RESUBMIT 10
; Sequence 43-952-2
; Sequence 2, Application US/08453952
; Patent No. 567488
; GENE: CD45
; APPLICANT: DEW JUBRIN
; TITLE OF INVENTION: CONTRACEPTIVE VACCINE
; TITLE OF INVENTION: BASED ON ALLOIMMUNIZATION WITH ZONA PELLUCIDA
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESS: MORGAN & TIMMEAN

```

```

1 STREET: 345 PARK AVENUE
2 CITY: NEW YORK
3 STATE: NEW YORK
4 COUNTRY: USA
5 ZIP: 10114
6 COMMENTS: FLOPPY DISK
7 COMPUTER: IBM PC COMPATIBLE
8 FILENAME: US-08-453-952-2.FMS-008
9 SOFTWARE: KNOBPERFECT 5.1.1
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: US/08/453,952
12 CLASSIFICATION: 424
13 PRIOR APPLICATION DATA:
14 PUBLICATION NUMBER: US 08/038,948
15 PRIORITY DATE: 12-JUN-1989
16 PUBLICATION NUMBER: 5,195,195
17 PRIOR APPLICATION DATA:
18 APPLICATION NUMBER: US 07/930,462
19 PRIORITY DATE: 12-JUN-1989
20 PUBLICATION NUMBER: 5,195,195
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: US 07/364,379
23 PRIORITY DATE: 12-JUN-1989
24 PUBLICATION NUMBER: 5,195,195
25 APPLICANT: DOROTHY R. ADAMS
26 ADDRESS: 345 PARK AVENUE
27 TELEPHONE: (212) 738-4800
28 TELEFAX: (212) 751-6849
29 INFORMATION FOR SEQ ID NO: 2:
30 SEQUENCE CHARACTERISTICS:
31 LENGTH: 1033
32 TYPE: nucleic acid
33 STRANDNESS: double
34 TOPOLOGY: unknown
35 ORGANISM: HOMO SAPIENS
36 ORIGINAL SOURCE:
37 ORGANISM: mouse
38 INDIVIDUAL ISOLATES:
39 DEVELOPMENTAL STAGE:
40 HAPLOTYPE:
41 CELL TYPE:
42 CELL LINE:
43 FLAVOURS:
44 NAME/KEY: SP2
45 LOCATION:
46 OTHER INFORMATION: mouse SP2 cDNA
47
48 Alignment Scores:
49 Seq. No.: 2,986-23
50 Score: 289.10
51 Best Local Similarity: 22.13%
52 Query Match: 9.45%
53 Gaps: 1
54
55 US-09-864-711-14 (1-585) x US-08-453-952-2 (1-2201)
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57 QY 51le1lePheserTyValcInleu5PronepolyserCysgluSerdluSen-----67
58 DB 493 NATCTTTCTTCCTCCACGAGTCTTCTGAGCTGCTGTGAGAACACGAGTGTACT 552
59
60 QY 68 -----1le1gvalPhaSp61lThr-----74
61 DB 553 GAGAGGGAGGATGTTGATGATGCGATGATGAGAGGACCGACNTTGGCTGGAG 612
62
63 QY 75 -----SerSerleu5lyProleuLeu5lycIn 83
64 DB 613 GATGCGATGATGACAGGATTAATCTTCTGATGATGACAGGAGAGTGAATCTTCCAGTGG 672
65
66 QY 84 ValCysSerTyPahaAspTyValProValPheleuSerSerSerSerleuThrPhe 703
67 DB 673 CACGCAAGCTAGCTAGATTAATCTATGATGATGAGAGAGAGCACTATCTATAGTGTG 732
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69 QY 104 G1yTLea---ValThrAspSerleuAlaFlaSerleuThrValPheThrPheTyPhe 122
70 DB 104 G1yTLea---ValThrAspSerleuAlaFlaSerleuThrValPheThrPheTyPhe 122
71
72 QY 723 CAGCTGGAGCTCTGTCTTCAMCCACTGGCGAGAGATGCTCTTCATACAGACATGC 792
73 DB 723 CAGCTGGAGCTCTGTCTTCAMCCACTGGCGAGAGATGCTCTTCATACAGACATGC 792
74
75 QY 123 PhAserProSerleuSer-----1lePhaSen 131
76 DB 123 PhAserProSerleuSer-----1lePhaSen 131
77
78 QY 793 TGGCAGACAGATCTTCTGGCTGTGATGCTGACACAGATGCCTCATATACAGAA 852
79 DB 793 TGGCAGACAGATCTTCTGGCTGTGATGCTGACACAGATGCCTCATATACAGAA 852
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81 QY 132 CysgluValTyTLeuAspThrLeuGlu---GlySerPhePheSerProleuTyProlye 150
82 DB 132 CysgluValTyTLeuAspThrLeuGlu---GlySerPhePheSerProleuTyProlye 150
83
84 QY 853 TTTCTGGAGACATAGCTCTGTGAGCTTGGATGAGATGAGATGAGATGAGATGAGATG 909
85 DB 853 TTTCTGGAGACATAGCTCTGTGAGCTTGGATGAGATGAGATGAGATGAGATGAGATG 909
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87 QY 151 ProHisProGluLeuAlaTyCValAlaPheS-----1leGInValgluAsp 167
88 DB 151 ProHisProGluLeuAlaTyCValAlaPheS-----1leGInValgluAsp 167
89
90 QY 168 TyTysLeuLeuAnPheLygluLeuLeuAlaAspLygluLyPhe 187
91 DB 168 TyTysLeuLeuAnPheLygluLeuLeuAlaAspLygluLyPhe 187
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94 DB 943 ATCTGAGTGAATATTTCAGAGAAATCTCTCTCCAGATTAACCTTCGAGAAATGT 1002
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96 QY 180 AspPheLeuAlaIleTyTAspTyProSerThrAsnSerGlyThrLeuValGlyCys 207
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99 QY 1003 CCHTTCACACCTTCAC-----CTC 1033
100 DB 1003 CCHTTCACACCTTCAC-----CTC 1033
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102 QY 208 G1yAlaValThrProThrPheleuSerSerSerSerleuThrValValLeuSerThr 227
103 DB 208 G1yAlaValThrProThrPheleuSerSerSerSerleuThrValValLeuSerThr 227
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105 QY 1024 TCTTCATGACCTGAGCTCTGTCCTCCAGAGATGATGCTATCCACAGATGATGATGCT 1083
106 DB 1024 TCTTCATGACCTGAGCTCTGTCCTCCAGAGATGATGCTATCCACAGATGATGATGCT 1083
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108 QY 228 AspTyTAlaAsnSerTyTArgLyPheSerAlaSerTyThrSerleTyAlaSerluSen 247
109 DB 228 AspTyTAlaAsnSerTyTArgLyPheSerAlaSerTyThrSerleTyAlaSerluSen 247
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111 QY 1084 GAG-----TGCACGTGTGATGCA 1101
112 DB 1084 GAG-----TGCACGTGTGATGCA 1101
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114 QY 248 1leGInThrSerleuThrTyCysSerSerPheTyPheAlaValleuSerleuTySer 267
115 DB 248 1leGInThrSerleuThrTyCysSerSerPheTyPheAlaValleuSerleuTySer 267
116
117 QY 1102 CCAAGTCTCTGATGAGTGAATCTGTGCAGAGAGAGTGTGAGCTTGAAGTCTACAC 1161
118 DB 1102 CCAAGTCTCTGATGAGTGAATCTGTGCAGAGAGAGTGTGAGCTTGAAGTCTACAC 1161
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120 QY 268 TyTysGluAlaPhaSenSerSerGluAlaSerleuLeuGluLeuAspTyPheThrCysArg 287
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122
123 QY 1152 CACACACACACACCCGACCTGACCTGACACACCCCTCTGTGGAGAAATCTCTGTGCGAC 1231
124 DB 1152 CACACACACACACCCGACCTGACCTGACACACCCCTCTGTGGAGAAATCTCTGTGCGAC 1231
125
126 QY 288 Pro-----LyTLeuSerAnVal-----ValGluSerValProleuSenGlyCys 303
127 DB 288 Pro-----LyTLeuSerAnVal-----ValGluSerValProleuSenGlyCys 303
128
129 QY 1222 CATTATTCGAGCTGCTGTGGGCTGTGAGGCTTTCACAGCTCTCAACACTCTGATGATGT 1281
130 DB 1222 CATTATTCGAGCTGCTGTGGGCTGTGAGGCTTTCACAGCTCTCAACACTCTGATGATGT 1281
131
132 QY 304 GlyThrIleArgValgluAspSerleuSerleuThrTyThrAn-----1le1leThrPhe 322
133 DB 304 GlyThrIleArgValgluAspSerleuSerleuThrTyThrAn-----1le1leThrPhe 322
134
135 QY 1282 GAGACAGGCGATTAATGAGCTGAATGATGATGATGATGATGATGATGATGATGATGATGCTTC 1341
136 DB 1282 GAGACAGGCGATTAATGAGCTGAATGATGATGATGATGATGATGATGATGATGATGATGCTTC 1341
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138 QY 323 SerAlaSerThrSerleuAlaIleValThrGluLygluSenleuAlaIleValleu 342
139 DB 323 SerAlaSerThrSerleuAlaIleValThrGluLygluSenleuAlaIleValleu 342
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141 QY 1342 TGGGAGAACCCCTCTCCATCATATGATGATGATGATGATGATGATGATGATGATGATGATG 1401
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148 DB 1402 TGC-----TATTCATCTCTGAGACATGATGCTAT 1428
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152
153 QY 1429 CTAATCCCTCATCCACAGACACCCCTCTCCAGAGCTTGTGAACCGAGCCGACCTG 1488
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156 QY 375 -----MetAlaLeuPheleuSerPheGluTyThrleuLeuLeuSerPro 391
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159 QY 489 GGTGTGCTCTCCACACATCCCGAGACCATCTCCACAGAG-----CGT 1533
160 DB 489 GGTGTGCTCTCCACACATCCCGAGACCATCTCCACAGAG-----CGT 1533
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162 QY 392 TyTyrTyAsp-----LeuAsnInThrleuPheValGluVal 494
163 DB 392 TyTyrTyAsp-----LeuAsnInThrleuPheValGluVal 494

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Db      |||||||.....|||
1690  CAGACTGCTGTGTGTACAGTAAATGCGATTTCTACCGGGATTCCTCTCTTAC 1749
QY      |||||||.....|||
241  TTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 260
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1750  ACTCATTAATATGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1809
QY      |||||||.....|||
261  AGTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 280
Db      |||||||.....|||
1810  AAGATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1869
QY      |||||||.....|||
281  TAAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 300
Db      |||||||.....|||
1870  CTAAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1929
QY      |||||||.....|||
301  AATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 320
Db      |||||||.....|||
1930  AATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1989
QY      |||||||.....|||
321  TTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 340
Db      |||||||.....|||
1990  ACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2049
QY      |||||||.....|||
341  TAAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 360
Db      |||||||.....|||
2050  GTGAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2109
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QY      |||||||.....|||
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US 09-907-824-189
? Sequence 189, Application US/0907824
? GENERAL INFORMATION:
?   PCT/US/09/00219
?   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
?   ACID SEQUENCES OF THE INVENTION: Amino Acids Encoding the Same
?   CURRENT FILING DATE: 2001-07-17
?   PRIOR FILING DATE: 2000-09-16
?   PRIOR APPLICATION NUMBER: US 60/145,698
?   PRIOR FILING DATE: 1999-07-28
?   PRIOR APPLICATION NUMBER: US 60/146,222
?   PRIOR FILING DATE: 1999-07-28
?   PRIOR APPLICATION NUMBER: PCT/US99/20594
?   PRIOR FILING DATE: 1999-09-13
?   PRIOR APPLICATION NUMBER: PCT/US99/21090
?   PRIOR FILING DATE: 1999-09-15
?   PRIOR APPLICATION NUMBER: PCT/US99/21547
?   PRIOR FILING DATE: 1999-10-05
?   PRIOR APPLICATION NUMBER: PCT/US99/23069
?   PRIOR FILING DATE: 1999-11-30
?   PRIOR APPLICATION NUMBER: PCT/US99/28214
?   PRIOR FILING DATE: 1999-11-30
?   PRIOR APPLICATION NUMBER: PCT/US99/28313
?   PRIOR FILING DATE: 1999-11-30
?   PRIOR APPLICATION NUMBER: PCT/US99/28564
?   PRIOR FILING DATE: 1999-12-02
?   PRIOR APPLICATION NUMBER: PCT/US99/28565
?   PRIOR FILING DATE: 1999-12-02
?   PRIOR APPLICATION NUMBER: PCT/US99/28995
?   PRIOR FILING DATE: 1999-12-20
?   PRIOR APPLICATION NUMBER: PCT/US99/29099
?   PRIOR FILING DATE: 2000-01-05
?   PRIOR APPLICATION NUMBER: PCT/US00/00219
?   PRIOR FILING DATE: 2000-01-05

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[illegible]


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QY 541 AsnArgGluPheSerGlyHisLeuGluPheSerGlyMetValLeu 560
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QY 581 LysLeuGlnGlnGln 585
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RESULT 15
US-09-504-820-189
/ Accession: Application US/09/0420
/ Publication No. US200100369441
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Bockstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, David L.
/ APPLICANT: Farnsworth, Benjamin
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gerner, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Gorman, Paul J.
/ APPLICANT: Goodman, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gunney, Austin L.
/ APPLICANT: Kijavich, Ivar J.
/ APPLICANT: Kijavich, Ivar J.
/ APPLICANT: Mather, Dennis P.
/ APPLICANT: Penz, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/994, 820
/ PRIOR APPLICATION NUMBER: US/96/530
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: US/09/04414
/ PRIOR APPLICATION NUMBER: US 60/143, 048
/ PRIOR FILING DATE: 1995-07-07
/ PRIOR FILING DATE: 1995-07-26
/ PRIOR APPLICATION NUMBER: US 60/146, 222
/ PRIOR FILING DATE: 1995-07-28

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/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21947
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-11-25
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-25
/ PRIOR APPLICATION NUMBER: PCT/US99/28213
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30991
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ NUMBER OF SEQ ID NOS: 423
/ TYPE: DNA
/ LENGTH: 2917
/ US-09-504-820-189
Alignment Scores:
Score: 3064.00
Percent Similarity: 100.00%
Conservative: 0
Gap Penalties: 0
Query Match: 11
Gaps: 0
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QY 141 GlySerPheThrSerProSerGlyTyrLeuLeuLeuLeuLeuLeuLeuLeuLeuLeu 160

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Qy 201 GYLELLELLELLELLELLELLELLELLELLELLELLELLELLELLELLE 220
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Qy 221 LEATHVALLELLELLELLELLELLELLELLELLELLELLELLELLELLE 240
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Qy 1870 CTAAAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1929
Qy 301 AGGCTGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 320
Db 1930 AATGGATGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC 1989
Qy 321 TRPSEKALSERCTHSEKGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL 340
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Qy 341 VALYPCYGLGWGGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL 360
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Qy 361 VALLELLELLELLELLELLELLELLELLELLELLELLELLELLELLE 380
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Qy 381 ANSERPHEGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL 400
Db 2170 ANGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2229
Qy 401 PHEGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL 420
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Qy 461 ANSALPHEGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL 480
Db 2410 ANTCCTTTAAATCTTGAAGATGATGATGATGATGATGATGATGATGAT 2469
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Db 2470 TGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2529
Qy 501 ASPLELSEKSEKSEKSEKSEKSEKSEKSEKSEKSEKSEKSEKSEKSEK 520
Db 2530 GACATTTCTTCAATATATGATGATGATGATGATGATGATGATGATGATG 2589

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Search completed: October 15, 2003, 16:09:47
 Job time : 368 secs

RESULTS 9
 US-09-372-422A-22 Application US/09372422A
 PARENT NO. 611375
 PARENT NO. 611375
 GENERAL INFORMATION:
 INVENTOR: FRAZEE, JAMES
 APPLICANT: FRAZEE, JAMES
 TITLE OF INVENTION: Waize Aquaporins and Uses Thereof
 CURRENT APPLICATION NUMBER: US/09/372,422A
 PRIORITY NUMBER: US 61/137,500
 PRIOR APPLICATION NUMBER: US 61/094,692

CURRENT APPLICATION NUMBER: US 09/372,422A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: US 60/098,692


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1 FILING DATE: 06-JUN-1995
2 CLASSIFICATION: 435
3 PRIOR APPLICATION DATA:
4 APPLICATION NUMBER: US 08/393,996
5 PRIORITY DATE: 06-JUN-1995
6 ATTORNEY/AGENT INFORMATION:
7 NAME: Porcra, Laurence H.
8 REFERENCE/DOCKET NUMBER: 1107.48633
9 TELECOMMUNICATION INFORMATION:
10 TELEPHONE: 202 508-9200
11 INFORMATION FOR SEQ ID NO: 19:
12 SEQUENCE CHARACTERISTICS:
13 LENGTH: 265 amino acids
14 TYPE: amino acids
15 TOPOLOGY: Linear
16 MOLECULE TYPE: protein
17 US-08-468-763.19
18
19 Query Match
20 Best Local Similarity 24.3%; Score 323; DB 1; Length 265;
21 Matches 77; Conservative 46; Mismatches 85; Indels 10; Gaps 6;
22
23 QY 28 FVPCVLLGSLAIFPGISLVIE--NQTGCLQALAGALGIVATNGISGGH 85
24 10 FPKAVFAELATLFFVGLGSLAIFPGISLVIE--NQTGCLQALAGALGIVATNGISGGH 68
25 DB 10 FPKAVFAELATLFFVGLGSLAIFPGISLVIE--NQTGCLQALAGALGIVATNGISGGH 145
26 QY 86 NPAVLAALGSLVLLPFWSLGSLGSLGALANVAFPEFNSGNAVTVQD 124
27 DB 69 NPAITALLGSLVLLPFWSLGSLGSLGALANVAFPEFNSGNAVTVQD 124
28 QY 146 GVAG-ALVAIEITLTLALVCMKANKTKGLAP-FSGIVAVDVLGAPVSGGN 203
29 DB 125 NTPGKAVYVAVNHR-FNWTGGLAGLGLVLL 238
30 QY 204 NPAEAGVAVNHR-FNWTGGLAGLGLVLL 238
31 DB 185 NPAEAGVAVNHR-FNWTGGLAGLGLVLL 220
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33 RESULT 13
34 US-08-393-996A-19
35 Sequence 19, Application US/08393996A
36 GENERAL INFORMATION:
37 APPLICANT: Azele, Peter C.
38 TITLE OF INVENTION: Cloning and Expression of
39 CORRESPONDENCE ADDRESSES: 19 Transmembrane Water Channel Proteins
40 NUMBER OF SOURCES: 19
41 CITY: 1001 G Street, N.W.
42 STATE: D.C.
43 ZIP: 20001
44
45 COMPUTER READABLE FORM:
46 MEDIUM TYPE: floppy disk
47 OPERATING SYSTEM: PC-DOS/MS-DOS
48 SOFTWARE: PatentIn Release #1.0, Version #1.25
49 CLASSIFICATION NUMBER: US/08/393,996A
50 FILING DATE: 24-FEB-1995
51 REFERENCE/DOCKET NUMBER: 1107.48633
52 NAME: Porcra, Laurence H.
53 TELECOMMUNICATION INFORMATION:
54 TELEPHONE: 202 508-9200
55
56 RESULT 14
57 US-08-447-554-4
58 Sequence 4, Application US/08447554
59 GENERAL INFORMATION:
60 APPLICANT: FUSHIMI, KIYOHIDE
61 APPLICANT: OCHIDA, SHINICHI
62 APPLICANT: SAKIMOTO, SHIMAKI
63 TITLE OF INVENTION: WATER CHANNEL
64 NUMBER OF SOURCES: 8
65 CITY: Washington, DC
66 STATE: D.C.
67 ZIP: 20006-1812
68
69 COMPUTER READABLE FORM:
70 MEDIUM TYPE: floppy disk
71 OPERATING SYSTEM: PC-DOS/MS-DOS
72 SOFTWARE: PatentIn Release #1.0, Version #1.25
73 CLASSIFICATION NUMBER: US/08/447,554
74 FILING DATE:
75 REFERENCE/DOCKET NUMBER:
76 NAME:
77 TELECOMMUNICATION INFORMATION:
78 TELEPHONE:
79
80 RESULT 15
81 US-08-447-554-4
82 Sequence 4, Application US/08447554
83 GENERAL INFORMATION:
84 APPLICANT: FUSHIMI, KIYOHIDE
85 APPLICANT: OCHIDA, SHINICHI
86 APPLICANT: SAKIMOTO, SHIMAKI
87 TITLE OF INVENTION: WATER CHANNEL
88 NUMBER OF SOURCES: 8
89 CITY: Washington, DC
90 STATE: D.C.
91 ZIP: 20006-1812
92
93 COMPUTER READABLE FORM:
94 MEDIUM TYPE: floppy disk
95 OPERATING SYSTEM: PC-DOS/MS-DOS
96 SOFTWARE: PatentIn Release #1.0, Version #1.25
97 CLASSIFICATION NUMBER: US/08/447,554
98 FILING DATE:
99 REFERENCE/DOCKET NUMBER:
100 NAME:
101 TELECOMMUNICATION INFORMATION:
102 TELEPHONE:
103

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1 INFORMATION FOR SEQ ID NO: 19:
2 SEQUENCE CHARACTERISTICS:
3 LENGTH: 265 amino acids
4 TYPE: amino acids
5 TOPOLOGY: Linear
6 MOLECULE TYPE: protein
7 US-08-393-996A-19
8
9 Query Match
10 Best Local Similarity 24.3%; Score 323; DB 2; Length 265;
11 Matches 77; Conservative 46; Mismatches 85; Indels 10; Gaps 6;
12
13 QY 28 FVPCVLLGSLAIFPGISLVIE--NQTGCLQALAGALGIVATNGISGGH 85
14 DB 10 FPKAVFAELATLFFVGLGSLAIFPGISLVIE--NQTGCLQALAGALGIVATNGISGGH 68
15 QY 86 NPAVLAALGSLVLLPFWSLGSLGSLGALANVAFPEFNSGNAVTVQD 145
16 DB 69 NPAITALLGSLVLLPFWSLGSLGSLGALANVAFPEFNSGNAVTVQD 145
17 QY 146 GVAG-ALVAIEITLTLALVCMKANKTKGLAP-FSGIVAVDVLGAPVSGGN 203
18 DB 125 NTPGKAVYVAVNHR-FNWTGGLAGLGLVLL 238
19 QY 204 NPAEAGVAVNHR-FNWTGGLAGLGLVLL 238
20 DB 185 NPAEAGVAVNHR-FNWTGGLAGLGLVLL 220
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22 RESULT 14
23 US-08-447-554-4
24 Sequence 4, Application US/08447554
25 GENERAL INFORMATION:
26 APPLICANT: FUSHIMI, KIYOHIDE
27 APPLICANT: OCHIDA, SHINICHI
28 APPLICANT: SAKIMOTO, SHIMAKI
29 TITLE OF INVENTION: WATER CHANNEL
30 NUMBER OF SOURCES: 8
31 CITY: Washington, DC
32 STATE: D.C.
33 ZIP: 20006-1812
34
35 COMPUTER READABLE FORM:
36 MEDIUM TYPE: floppy disk
37 OPERATING SYSTEM: PC-DOS/MS-DOS
38 SOFTWARE: PatentIn Release #1.0, Version #1.25
39 CLASSIFICATION NUMBER: US/08/447,554
40 FILING DATE:
41 REFERENCE/DOCKET NUMBER:
42 NAME:
43 TELECOMMUNICATION INFORMATION:
44 TELEPHONE:
45
46 RESULT 15
47 US-08-447-554-4
48 Sequence 4, Application US/08447554
49 GENERAL INFORMATION:
50 APPLICANT: FUSHIMI, KIYOHIDE
51 APPLICANT: OCHIDA, SHINICHI
52 APPLICANT: SAKIMOTO, SHIMAKI
53 TITLE OF INVENTION: WATER CHANNEL
54 NUMBER OF SOURCES: 8
55 CITY: Washington, DC
56 STATE: D.C.
57 ZIP: 20006-1812
58
59 COMPUTER READABLE FORM:
60 MEDIUM TYPE: floppy disk
61 OPERATING SYSTEM: PC-DOS/MS-DOS
62 SOFTWARE: PatentIn Release #1.0, Version #1.25
63 CLASSIFICATION NUMBER: US/08/447,554
64 FILING DATE:
65 REFERENCE/DOCKET NUMBER:
66 NAME:
67 TELECOMMUNICATION INFORMATION:
68 TELEPHONE:
69
70 RESULT 16
71 US-08-447-554-4
72 Sequence 4, Application US/08447554
73 GENERAL INFORMATION:
74 APPLICANT: FUSHIMI, KIYOHIDE
75 APPLICANT: OCHIDA, SHINICHI
76 APPLICANT: SAKIMOTO, SHIMAKI
77 TITLE OF INVENTION: WATER CHANNEL
78 NUMBER OF SOURCES: 8
79 CITY: Washington, DC
80 STATE: D.C.
81 ZIP: 20006-1812
82
83 COMPUTER READABLE FORM:
84 MEDIUM TYPE: floppy disk
85 OPERATING SYSTEM: PC-DOS/MS-DOS
86 SOFTWARE: PatentIn Release #1.0, Version #1.25
87 CLASSIFICATION NUMBER: US/08/447,554
88 FILING DATE:
89 REFERENCE/DOCKET NUMBER:
90 NAME:
91 TELECOMMUNICATION INFORMATION:
92 TELEPHONE:
93

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Query Match 23.8%; Score 316; DB 1; Length 271;
 Best Local Similarity 34.6%; Pred. No. 2,4e-24;
 Matches 75; Conservative 47; Mismatches 63; Indels 12; Gaps 6;

QY 28 FVPCVLVLLSGALFTFGLSVIE--NIGTDLGLPALHAGLAVGLVTLNLSGSHFN 86
 DB 9 FSSVIAETATLITLVFVGLSALQWASSPPVGLCAVAGLGTGLLVAGLHNSGSHFN 69

QY 87 FAYSLAMLLGGLNMLLVFVSLGLGMLGALAAKAVSPERFNNASGAFVTVQGG 146
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QY 87 FAYSLAMLLGGLNMLLVFVSLGLGMLGALAAKAVSPERFNNASGAFVTVQGG 146
 DB 69 FAYSLAMLLGGLNMLLVFVSLGLGMLGALAAKAVSPERFNNASGAFVTVQGG 146

QY 147 QVAG-ALVAHLLITFLALAVGMAHMKETGP--LAFSGIYAVTVDLAGSPVSGC 202
 DB 125 ANAGAVTVLEFIV--KOLVCLPASTDERGDMGSPALSGISVGLGGLGYTTCGS 182

QY 203 MNPASJAPAVTVGFEQDMVFWIGVIV-GAIIQSLL 218
 DB 183 MNPASJAPAVTVGFEQDMVFWIGVIV-GAIIQSLL 218

Search completed: October 15, 2003, 18:12:22
 Job time : 29 secs

RESULTS 15
 US-08-448-160-4
 : Sequence 4, Application US/08448160
 : Patent No. 5785986
 : INVENTOR: JAMES M. KIRK
 : APPLICANT: FUSHEMI, KITCHIDE
 : APPLICANT: UCHIDA, SHINICHI
 : APPLICANT: KASAKI, SEIKI
 : APPLICANT: KASAKI, SEIKI
 : TITLE OF INVENTION: WATER CHANNEL
 : NUMBER OF SEQUENCES: 8
 : NUMBER OF SEQUENCES: 8
 : CONTACT: JAMES M. KIRK
 : ADDRESS: Morristown, NJ 07960
 : STREET: 2000 Pennsylvania Ave. NW, Ste. 5500
 : CITY: Washington, DC
 : ZIP: 20006-1812
 : COMPUTER READABLE FORM:
 : NUCLEOTIDE SEQUENCE COPY FILE:
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patent Release #1.0. Version #1.25
 : CONTACT PERSON: JAMES M. KIRK
 : APPLICATION NUMBER: US/08/448,160
 : FILING DATE:
 : CLASSIFICATION: 424
 : APPLICATION NUMBER: US/08/447,554
 : FILING DATE:
 : APPLICATION NUMBER: US 08/126,365
 : APPLICATION NUMBER: US 08/126,365
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Marshall, Kate B.
 : ADDRESS: 10000 Marshall Road, Suite 250
 : TELEPHONE: (202) 887-1500
 : TELEFAX: (202) 887-0763
 : FAX: 90-4030
 : TELECOMMUNICATION INFORMATION:
 : INFORMATION FOR SEQ ID NO: 4:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 271
 : TYPE: amino acid
 : TOPOLOGY: linear
 : US-08-448-160-4

Query Match 23.8%; Score 316; DB 1; Length 271;
 Best Local Similarity 34.6%; Pred. No. 2,4e-24;
 Matches 75; Conservative 47; Mismatches 63; Indels 12; Gaps 6;


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QY 181 PYSIGPANTVYDLAGPVSQGNARFAGVAVANHNHFWITLPGFAGLAVGLLIR 240
DB 181 PYSIGPANTVYDLAGPVSQGNARFAGVAVANHNHFWITLPGFAGLAVGLLIR 240
QY 241 OTFGDGNKTRILIAAR 255
DB 241 OTFGDGNKTRILIAAR 255

RESULT 2
US-09-981-353-63
Sequence 67, Application US/09961353
Publication No. US20030158052A1
GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
ORANISM: Homo sapiens
TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
CURRENT APPLICATION NUMBER: US/09/981,953
PRIOR FILING DATE: 2003-03-24
NUMBER OF SEQ IDS NOS: 194
SOFTWARE: PERL Program
SEQ ID NOS: 63
LENGTH: 262
TYPE: PRT
ORANISM: Homo sapiens
NAME/KEY: misc_Feature
OTHER INFORMATION: Incyte ID No. US20020160382A1 1804734CD1
US-09-981-353-63
Query Match
Best Local Similarity 100.0%; Score 138; DB 10; Length 262;
Matches 257; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KMPFPGNDARFSGVGRVWNTVFQCVLLGASALFTFGLSVYENGITGGL 60
DB 8 KMPFPGNDARFSGVGRVWNTVFQCVLLGASALFTFGLSVYENGITGGL 67
QY 61 OPALAGLADLVATLGNISGHEFNPAVSLAMIGLGLWMLPFWVQLLQGMGA 120
DB 68 OPALAGLADLVATLGNISGHEFNPAVSLAMIGLGLWMLPFWVQLLQGMGA 127
QY 121 LAANVSPERPNASAGAAATVVEQVAGAVAAHIIITLLAYCMGAKNEKTGPIA 180
DB 128 LAANVSPERPNASAGAAATVVEQVAGAVAAHIIITLLAYCMGAKNEKTGPIA 187
QY 181 PYSIGPANTVYDLAGPVSQGNARFAGVAVANHNHFWITLPGFAGLAVGLLIR 240
DB 188 PYSIGPANTVYDLAGPVSQGNARFAGVAVANHNHFWITLPGFAGLAVGLLIR 247
QY 241 OTFGDGNKTRILIAAR 255
DB 248 OTFGDGNKTRILIAAR 262

RESULT 3
US-10-396-943-1
Sequence 67, Application US/01586943
Publication No. US20030158052A1
GENERAL INFORMATION:
APPLICANT: Waltons, Michael G.
ORANISM: Homo sapiens
TITLE OF INVENTION: AUMAPORTH-8 VARIANT
CURRENT APPLICATION NUMBER: US/10/396,943
PRIOR FILING DATE: 2003-03-24
NUMBER OF SEQ IDS NOS: 906
PRIOR FILING DATE: 1999-01-07
NUMBER OF SEQ IDS NOS: 12

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SOFTWARE: PERL Program
SEQ ID NOS: 443
LENGTH: 443
TYPE: PRT
ORANISM: Homo sapiens
NAME/KEY: misc_Feature
OTHER INFORMATION: Incyte ID No. US20030158052A1 274542CD1
US-10-396-943-1
Query Match
Best Local Similarity 100.0%; Score 138; DB 12; Length 443;
Matches 257; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KMPFPGNDARFSGVGRVWNTVFQCVLLGASALFTFGLSVYENGITGGL 60
DB 49 KMPFPGNDARFSGVGRVWNTVFQCVLLGASALFTFGLSVYENGITGGL 108
QY 61 OPALAGLADLVATLGNISGHEFNPAVSLAMIGLGLWMLPFWVQLLQGMGA 120
DB 109 OPALAGLADLVATLGNISGHEFNPAVSLAMIGLGLWMLPFWVQLLQGMGA 168
QY 121 LAANVSPERPNASAGAAATVVEQVAGAVAAHIIITLLAYCMGAKNEKTGPIA 180
DB 169 LAANVSPERPNASAGAAATVVEQVAGAVAAHIIITLLAYCMGAKNEKTGPIA 228
QY 181 PYSIGPANTVYDLAGPVSQGNARFAGVAVANHNHFWITLPGFAGLAVGLLIR 240
DB 229 PYSIGPANTVYDLAGPVSQGNARFAGVAVANHNHFWITLPGFAGLAVGLLIR 288
QY 241 OTFGDGNKTRILIAAR 255
DB 289 OTFGDGNKTRILIAAR 303

RESULT 4
US-0-023-896-55
Sequence 67, Application US/10023896
Publication No. US2003002776A1
GENERAL INFORMATION:
APPLICANT: National Cancer Institute
TITLE OF INVENTION: 29 Human Cancer Associated Proteins
CURRENT APPLICATION NUMBER: US/10/023,896
PRIOR FILING DATE: 2001-12-21
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 1999-09-03
PRIOR FILING DATE: 1999-10-06
NUMBER OF SEQ IDS NOS: 138
SOFTWARE: Patentin Ver. 2.0
SEQ ID NOS: 55
LENGTH: 261
TYPE: PRT
ORANISM: Homo sapiens
NAME/KEY: misc_Feature
OTHER INFORMATION: Incyte ID No. US-10-023-896-55
Query Match
Best Local Similarity 99.7%; Score 1324; DB 15; Length 261;
Matches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 KMPFPGNDARFSGVGRVWNTVFQCVLLGASALFTFGLSVYENGITGGL 60
DB 7 KMPFPGNDARFSGVGRVWNTVFQCVLLGASALFTFGLSVYENGITGGL 66
QY 61 OPALAGLADLVATLGNISGHEFNPAVSLAMIGLGLWMLPFWVQLLQGMGA 120
DB 67 OPALAGLADLVATLGNISGHEFNPAVSLAMIGLGLWMLPFWVQLLQGMGA 126

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QY 121 LAAVSPFEPNNSGAAPTYVQGVAGALVAETITLLAALVGNLNETKGP1A 180
;
; PRIOR APPLICATION NUMBER: PCZ/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 1156
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 180
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

RESULT 5
US-10-023-998-84
; Sequence 84, Application US/10023986
; Publication NO. US2003/027775A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 25 Human Cancer Associated Proteins
; CURRENT APPLICATION NUMBER: US/10/023,998
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/152,296
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/152,296
; PRIOR FILING DATE: 1999-09-03
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 251
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-023-998-84

Query Match
Best Local Similarity 99.7%; Score 1324; DB 15; Length 241;
Matches 234; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
;
QY 1 MCEPFGNKAERFSGVGRNVSFVQCVLGLGSAFLIFICGLSVENGDTGLL 60
;
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; APPLICANT: Rosen et al.
; CURRENT APPLICATION NUMBER: US/09/925,299
; PRIOR FILING DATE: 2001-08-10
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 840
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

RESULT 6
US-09-925-299-840
; Sequence 840, Application US/09925299
; Publication NO. US2003/040051A9
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; CURRENT APPLICATION NUMBER: US/09/925,299
; PRIOR FILING DATE: 2001-08-10
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 840
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

Query Match
Best Local Similarity 99.6%; Score 1324; DB 11; Length 289;
Matches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
;
QY 1 MCEPFGNKAERFSGVGRNVSFVQCVLGLGSAFLIFICGLSVENGDTGLL 60
;
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; APPLICANT: Rosen et al.
; CURRENT APPLICATION NUMBER: US/09/925,299
; PRIOR FILING DATE: 2001-08-10
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 840
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

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; CURRENT FILING DATE: 2003-08-10
; PRIOR APPLICATION NUMBER: PCZ/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 1156
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 258
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

Query Match
Best Local Similarity 99.7%; Score 1324; DB 9; Length 288;
Matches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
;
QY 1 MCEPFGNKAERFSGVGRNVSFVQCVLGLGSAFLIFICGLSVENGDTGLL 60
;
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; APPLICANT: Rosen et al.
; CURRENT APPLICATION NUMBER: US/09/925,299
; PRIOR FILING DATE: 2001-08-10
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 258
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

Query Match
Best Local Similarity 99.6%; Score 1324; DB 11; Length 289;
Matches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
;
QY 1 MCEPFGNKAERFSGVGRNVSFVQCVLGLGSAFLIFICGLSVENGDTGLL 60
;
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; APPLICANT: Rosen et al.
; CURRENT APPLICATION NUMBER: US/09/925,299
; PRIOR FILING DATE: 2001-08-10
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 840
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-299-840

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|||||
154 LAAVSEEPFNAGSAAFVYVQGVVAGALVAHLLITLLALAVCMANIKTKGFLA 213
QY 181 PFSIGAVYDTLAGVPSGCMNPARASGVAVANVNNFWNTYGLPLAGLWLLITR 240
Db 214 PFSIGAVYDTLAGVPSGCMNPARASGVAVANVNNFWNTYGLPLAGLWLLITR 273
QY 241 CFYGCKTKLILAKR 255
Db 274 CFYGGCKTKLILAKQ 288

RESULTS 8
US-10-106-698-4522
; Sequence 4522, Application US/10106698
; Publication No. US20030109690A1
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
; CURRENT APPLICATION NUMBER: US/10/06.698
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US00/26524
; PRIOR APPLICATION NUMBER: US 60/157,137
; PRIOR FILING DATE: 1999-09-29
; PRIOR FILING DATE: 1999-09-29
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 8564
; SOFTWARE: Patent In Ver. 3.0
; SOURCE: GenBank
; LENGTH: 288
; ORGANISM: Homo sapiens
; TYPE: PVT
; BEST LOCAL SIMILARITY 99.74; Score 1324; DN 15; Length 288;
; Mismatches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
US-10-106-698-4522
Query Match
Best Local Similarity 99.74; Score 1324; DN 15; Length 288;
Mismatches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
APPLICANT: Ruben et al.
TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
CURRENT APPLICATION NUMBER: US/10/06.698
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: PCT/US00/26524
PRIOR APPLICATION NUMBER: US 60/157,137
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 8564
SOFTWARE: Patent In Ver. 3.0
SOURCE: GenBank
LENGTH: 288
ORGANISM: Homo sapiens
TYPE: PVT
BEST LOCAL SIMILARITY 99.74; Score 1324; DN 15; Length 288;
Mismatches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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; PRIOR APPLICATION NUMBER: US 60/157,137
; PRIOR FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: US 60/163,280
; NUMBER OF SEQ ID NOS: 8564
; SOFTWARE: Patent In Ver. 3.0
; SOURCE: GenBank
; LENGTH: 288
; ORGANISM: Homo sapiens
; TYPE: PVT
; BEST LOCAL SIMILARITY 99.74; Score 1324; DN 15; Length 288;
; Mismatches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
US-10-106-698-4263
Query Match
Best Local Similarity 99.84; Pred. No. 3e-119;
Mismatches 254; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
APPLICANT: COHEN, MAURICE
TITLE OF INVENTION: FOR DETECTING DISEASE OF THE GASTROINTESTINAL
NUMBER OF SEQ NOS: 21
CORRESPONDENCE ADDRESS:
ADDRESSES: Abbott Laboratories
ATTORNEY/AGENT INFORMATION:
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA: US/10/216.408
FILING DATE: 09-Aug-2002
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
FILING DATE: 08/08/99.634
ATTORNEY/AGENT INFORMATION:

```



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OY 28 FVQCVELGSGAFFICUSYIE--NWTGCLLPALAGLALGVLATIANISGSH 85
DB 10 FLEKAVPDLATLFFVVLGASLWPSALPT--LQJALAGLALGVLATIANISGSH 68
OY 86 NVAISLMLGGLNLTNLTGVLGSLGGLALANAVSPFPMASGAFVYDQVAA 145
DB 69 FPAITALLIWMISILIEFVYVAVLVAAGAGLGVGVWANGSLVAKLNNNTTO 138
OY 146 GQVAGVAVLITLITLALAVKMAKNTKGLAP--PSIGPVTVDIAGLGVSGCM 204
DB 128 GQ--AAWVETLITLQALCTFASTDSRTSPVSLGSLGSLVTLGHLGVITFGCSNM 185
OY 205 PARAPFPAVANNIN--FEMINLGPALAGLWLL 238
DB 186 PABSGDPVANNISPAWVWGPVGVAVLAIL 220
RESULT 13
US-10-171-311-15
? Sequence 10, Application US/10171311
? Publication No. US2003087270A1
? GENERAL INFORMATION:
? APPLICANT: Schenck, Robert
? APPLICANT: Chen, Yan
? APPLICANT: Xiao, Ximei
? APPLICANT: Morahan, John
? APPLICANT: Glatt, Karen
? APPLICANT: Glatt, Karen
? APPLICANT: Gunawarapu, Manjula
? APPLICANT: Kankar, Shubhaagi
? APPLICANT: Nye, T. C.
? APPLICANT: Wang, Youzhen
? APPLICANT: Xu, Toshiyao
? APPLICANT: Morahan, John
? APPLICANT: Meyers, Rachel E.
? APPLICANT: Kankar, Robert C.
? APPLICANT: Horstobay, Gabriel N.
? APPLICANT: Pustal, Lajos
? APPLICANT: Meric, Punde
? APPLICANT: Meric, Punde
? APPLICANT: Mills, Gordon B.
? TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT
? FILED IN: US-03
? CURRENT FILING DATE: 2002-06-21
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/299,887
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/301,572
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/306,501
? PRIOR FILING DATE: 2001-07-18
? PRIOR APPLICATION NUMBER: US 60/325,002
? PRIOR FILING DATE: 2002-03-05
? PRIOR APPLICATION NUMBER: US 60/352,585
? PRIOR FILING DATE: 2002-03-05
? PRIOR APPLICATION NUMBER: US 60/xxx,xxx
Query Match
Best Local Similarity 37.34; Pred. No. 4,le-24;
Matches 80; Conservative 83; Indels 8; Gaps 5;
OY 28 FVQCVELGSGAFFICUSYIE--NWTGCLLPALAGLALGVLATIANISGSH 85
DB 10 FLEKAVPDLATLFFVVLGASLWPSALPT--LQJALAGLALGVLATIANISGSH 68
OY 86 NVAISLMLGGLNLTNLTGVLGSLGGLALANAVSPFPMASGAFVYDQVAA 145
DB 69 FPAITALLIWMISILIEFVYVAVLVAAGAGLGVGVWANGSLVAKLNNNTTO 138
OY 146 GQVAGVAVLITLITLALAVKMAKNTKGLAP--PSIGPVTVDIAGLGVSGCM 204
DB 128 GQ--AAWVETLITLQALCTFASTDSRTSPVSLGSLGSLVTLGHLGVITFGCSNM 185
OY 205 PARAPFPAVANNIN--FEMINLGPALAGLWLL 238
DB 186 PABSGDPVANNISPAWVWGPVGVAVLAIL 220
RESULT 14
US-10-171-311-15
? Sequence 10, Application US/10171311
? Publication No. US2003087270A1
? GENERAL INFORMATION:
? APPLICANT: Schenck, Robert
? APPLICANT: Chen, Yan
? APPLICANT: Xiao, Ximei
? APPLICANT: Morahan, John
? APPLICANT: Glatt, Karen
? APPLICANT: Glatt, Karen
? APPLICANT: Gunawarapu, Manjula
? APPLICANT: Kankar, Shubhaagi
? APPLICANT: Nye, T. C.
? APPLICANT: Wang, Youzhen
? APPLICANT: Xu, Toshiyao
? APPLICANT: Morahan, John
? APPLICANT: Meyers, Rachel E.
? APPLICANT: Kankar, Robert C.
? APPLICANT: Horstobay, Gabriel N.
? APPLICANT: Pustal, Lajos
? APPLICANT: Meric, Punde
? APPLICANT: Meric, Punde
? APPLICANT: Mills, Gordon B.
? TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT
? FILED IN: US-03
? CURRENT FILING DATE: 2002-06-21
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/299,887
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/301,572
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/306,501
? PRIOR FILING DATE: 2001-07-18
? PRIOR APPLICATION NUMBER: US 60/325,002
? PRIOR FILING DATE: 2002-03-05
? PRIOR APPLICATION NUMBER: US 60/352,585
? PRIOR FILING DATE: 2002-03-05
? PRIOR APPLICATION NUMBER: US 60/xxx,xxx

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US-10-023-896-107
? Sequence 107, Application US/10023896
? Publication No. US2003007776A1
? GENERAL INFORMATION:
? APPLICANT: Victor Roschke
? TITLE OF INVENTION: Human Cancer Associated Proteins
? CURRENT FILING DATE: 2001-12-21
? PRIOR FILING DATE: 2001-12-21
? PRIOR APPLICATION NUMBER: US/10/023,896
? PRIOR FILING DATE: 2001-12-21
? PRIOR APPLICATION NUMBER: PCT/US00/23794
? PRIOR FILING DATE: 1999-09-03
? PRIOR APPLICATION NUMBER: US 60/432,296
? PRIOR FILING DATE: 1999-09-03
? PRIOR APPLICATION NUMBER: US 60/158,003
? PRIOR FILING DATE: 1999-09-03
? PRIOR APPLICATION NUMBER: US 60/158,003
? NUMBER OF SEQ ID NOS: 138
? SOFTWARE: Patent Ver. 2.0
? SEQ ID NO 107
? SEQ ID NO 107
? TYPE: PFT
? ORGANISM: Homo sapiens
US-10-023-896-107
Query Match
Best Local Similarity 100.0%; Pred. No. 1,2e-15;
Matches 49; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 106 FVWSLLGGLALALANAVSPFPMASGAFVYDQVAA 151
DB 1 FVWSLLGGLALALANAVSPFPMASGAFVYDQVAA 46
RESULT 15
US-10-177-293-10
? Sequence 10, Application US/10177293
? Publication No. US2003014128A1
? GENERAL INFORMATION:
? APPLICANT: Allille, James
? APPLICANT: Glatt, Karen
? APPLICANT: Glatt, Karen
? APPLICANT: Gunawarapu, Manjula
? APPLICANT: Kankar, Shubhaagi
? APPLICANT: Nye, T. C.
? APPLICANT: Wang, Youzhen
? APPLICANT: Xu, Toshiyao
? APPLICANT: Morahan, John
? APPLICANT: Meyers, Rachel E.
? APPLICANT: Kankar, Robert C.
? APPLICANT: Horstobay, Gabriel N.
? APPLICANT: Pustal, Lajos
? APPLICANT: Meric, Punde
? APPLICANT: Meric, Punde
? APPLICANT: Mills, Gordon B.
? TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT
? FILED IN: US-03
? CURRENT FILING DATE: 2002-06-21
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/299,887
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/301,572
? PRIOR FILING DATE: 2001-06-21
? PRIOR APPLICATION NUMBER: US 60/306,501
? PRIOR FILING DATE: 2001-07-18
? PRIOR APPLICATION NUMBER: US 60/325,002
? PRIOR FILING DATE: 2002-03-05
? PRIOR APPLICATION NUMBER: US 60/352,585
? PRIOR FILING DATE: 2002-03-05
? PRIOR APPLICATION NUMBER: US 60/xxx,xxx

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; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 506
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 292
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-177-293-10

Query Match
  16.5% Score 218.5; DB 15; Length 292;
  Best Local Similarity 29.4%; Pred. No. 66-13;
  Matches 75; Conservative 32; Mismatches 105; Indels 43; Gaps 10;

QY 27 RFVQCLVELLSALFTIGCL---VIENTVPELQALAGGALGVATIGHSQ 82
DB 20 RLHQAGLGLLILWPCGSAQVYAGSGHGFILNGSPATVGLLILGGVSG 79
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QY 83 GHENFVSLAMILGGLMLPFWQLGLGMLGALANVSPERFW----- 132
DB 80 ANLRNPTFANCLAEFWELFTVLLGLGELGAGVFGCLY-TDLNRHFNQLPVS 138
      |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
QY 133 --NAGGAPVQVE--QQVAGAVAEILITLLAVMGCAINKEKTP---LAPSIQ 185
DB 139 GPNZTAGIATFTSCHLDMKNFTQFGTA--SLVCLVALTQFENPVPGLKATVG 196
      |:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|:::|
QY 186 FAVTVILAGQVSSGMHARAPAV-----VANENFMYMLQPL-- 230
DB 197 LVTVLTGTSNMFSCANFARDFPLFTALAGGSAVFTIGQR--WNPVTSPLGS 254
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QY 231 -ACLIV-CLILRFPI 243
DB 255 LAGVPTVCLMIGSL 269

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Search completed: October 15, 2003, 18:19:01
 Job time : 50 secs


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236 GCATTTCGATGCTTTGTTGGGTTTCACAGAGGCAACATTTACGTCGCACTTGAAG
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87  PkhaLaSeLSeLaLaLaLaLaLeLaLeLaLeLaLeLaLeLaLeLaLeLaLeLaPo
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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107 TTTCTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG
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127 ProdiUlaGpPhePaNaLaSeGAlaAlaPheWaLaLeLaLeLaLeLaLeLaLe
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416  GATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG
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147 GlnLaAlaLdly-----AlaLeWaLaLeLaLeLaLeLeLaLeLaLeLaLeLa
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143 GTTCCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG
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162 IsLaLaLeLaLaLdlyGMeLdGAlaLeLeLdly-----ThryGdLdGATG
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503 CTTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG
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180 AlaLaGPahePheLdlyGAlaAlaAlaAlaAlaAlaAlaAlaAlaAlaAlaAla
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623 GTTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG
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1220 PheLaLeLdlyGAlaAlaAlaAlaAlaAlaAlaAlaAlaAlaAlaAlaAla
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: Sequence 3, Application US/08634025
: Genbank Accession Number
: Patent No. 6008436
: APPLICANT: Genzyme
: APPLICANT: Corbridge, Mark A.
: APPLICANT: Opermar, Charles R.
: APPLICANT: Accorda, Gregoria N.
: TITLE OF INVENTION: Nematode Resistant Transgenic Plants
: NUMBER OF SOURCES: 7
: CROSS-REFERENCE TO OTHER APPLICATIONS
: ADDRESS: Genzyme
: ADDRESS: Kenneth D. Sibley, Ball, Seltzer, Park and
: CITY: Cambridge, Massachusetts 02142
: CITY: Charlotte, North Carolina
: STATE: No. 6008436
: COUNTRY: U.S.A.
: COMMUNIST REGIMES FORM:
: MEDIUM TYPE: floppy disk
: OPERATING SYSTEM: PC-DOS-MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.25
: CURRENT APPLICATION DWN:
: APPLICATION NUMBER: 03/09/654, 025
: FILING DATE:
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/132, 658
: FILING DATE:
: APPLICATION NUMBER: US/09/107, 998
: APPLICATION NUMBER:
: AUTHORITY/AGENT INFORMATION:

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GenCore version 5.1.1.6

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OM protein - nucleic search, using frame_plus.p2n model

Run on: October 15, 2003, 18:19:08 ; Search time 221 seconds

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Database: 2594.013 Million call updates/sec

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Ygapop 10.0, Ygapext 0.5

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Searched: 1731049 seqs, 129705648 residues

Total number of hits satisfying chosen parameters: 3462098

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Maximum Match 0%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 16, Appl	1328	100.0	1312	12	US-10-286-918-2			Sequence 16, Appl
Sequence 17, Appl	1328	99.7	1314	14	US-10-216-408-16			Sequence 17, Appl
Sequence 61, Appl	1324	99.7	1400	9	US-09-925-299-67			Sequence 61, Appl
Sequence 67, Appl	1324	99.7	1400	11	US-09-925-299-67			Sequence 67, Appl
Sequence 40, Appl	1324	99.7	1410	14	US-10-023-888-40			Sequence 40, Appl
Sequence 186, Appl	1324	99.7	1410	14	US-10-023-888-40			Sequence 186, Appl
Sequence 49, Appl	1324	99.7	1410	14	US-10-106-698-1986			Sequence 49, Appl
Sequence 2361, Appl	1324	99.7	1410	14	US-10-106-698-1986			Sequence 2361, Appl
Sequence 7, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 7, Appl
Sequence 2338, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 2338, Appl
Sequence 3, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 3, Appl
Sequence 181, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 181, Appl
Sequence 373, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 373, Appl
Sequence 610, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 610, Appl
Sequence 483, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 483, Appl
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Sequence 8, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 8, Appl
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Sequence 807, Appl	1324	99.7	1410	14	US-09-803-719-2328			Sequence 807, Appl

ALIGNMENTS

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; Sequence 62, Application US/9981153
; Patent No. US20020103082A1
; APPLICANT: JONES, David A.
; APPLICANT: Jones, Amy W.
; FILE REFERENCE: PA-0318 US
; CURRENT APPLICATION NUMBER: US/9981353
; CURRENT FILING DATE: 2001-10-11
; INVENTOR: JONES, David A.
; SOFTWARE: PERL Program
; SEQ ID NO 62
; LENGTH: 1312
; ORGANISM: Homo sapiens
; NAME/KEY: misc:feature
; FEATURE:
US-09-981-353-62
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Score:	1328.00	255

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 ; Sequence 8: Application US/09864711
 ; Patent No. US02007309A1
 ; GENERAL INFORMATION: Michael G.
 ; APPLICANT: Volkman, Wayne
 ; APPLICANT: Klingler, Tod M.
 ; TITLE OF INVENTION: PROTEIN KINASES AND THERAPEUTICS FOR PARKINSON'S DISEASES
 ; FILE REFERENCE: 0008-001P
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIORITY FILING DATE: 2001-05-23
 ; SOFTWARE: PERL Program

; SEQ ID NO 8
 ; LENGTH: 1354
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: 277454JCB1
 US-09-864-711-8

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 ; Sequence 2: Application US/0395943
 ; Publication No. US20030136085A1
 ; GENERAL INFORMATION: Michael G.
 ; APPLICANT: Volkman, Wayne
 ; APPLICANT: Klingler, Tod M.
 ; TITLE OF INVENTION: ADONAPORIN-4 VARIANT
 ; CURRENT APPLICATION NUMBER: US/10/396,943
 ; PRIORITY FILING DATE: 2003-03-24
 ; PRIORITY FILING DATE: 2003-03-24
 ; PRIOR FILING DATE: 2000-07-09/010,906
 ; PRIOR APPLICATION NUMBER: 05/236,994
 ; PRIOR FILING DATE: 1999-01-07
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 2
 ; LENGTH: 1354
 ; ORGANISM: Homo sapiens
 ; FEATURE:
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 US-10-396-943-2

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GenScore version 5.1.6
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Sequence 5, Application US/09410906
GENERAL INFORMATION:
APPLICANT: Volkmer, Michael G.
APPLICANT: Volkmer, Michael G.
TITLE OF INVENTION: ADIPOKIN-8 VARIANT
FILE REFERENCE: PC-00372 CIP
PRIORITY DATE: 2000-07-06
CURREN FILING DATE: 2000-07-06
PRIOR APPLICATION NUMBER: 09/226,994
PRIOR FILING DATE: 1999-01-07
SOFTWARE: SAS
SAS ID NO 5
SAS ID NO 5
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE: misc-feature
OTHER INFORMATION: Inocyte ID No. 6566065 1804734C1
US-09-610-906-5
FELICIFICATION INFORMATION:
US-09-610-906-5
Alignment Scores:
Pred. No.: 7-4e-238
Score: 100.004
Best Local Similarity: 100.004
Query Match: 100.004
Indels: 0
Gaps: 0
US-09-864-711-15 (1-255) x US-09-610-906-5 (1-1312)

```

QY 1 MetCysGluProGluPheGlyMetAspGlyValaLysGluProSerValGlyGlyArgTTP 20
DB 111 AUGTGTACCTCGATTTCGGATGACGAGGCGGCGGAGCGGAGCGGAGCGGAGCGGAGTGG 170
QY 21 ArgValSerTyrTrpGluArgPheValGlyProCysValaGluLeuLeuLeuSerAla 40
DB 171 CAGAGGCTGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGT 230
QY 41 LeuPheLePheLeuGlyCysMetSerValaLysGluLeuLeuLeuLeuLeuLeuLeuLeu 60
DB 231 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 290
QY 61 GluProAlaLeuAlaLeuAlaLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeu 80
DB 291 CAGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 350
QY 81 SerGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 100
DB 351 AATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 410
QY 101 ArgPheLeuMetLeuProGlyTyrTrpValSerGlyGlyGlyGlyGlyGlyGlyGlyGly 120
DB 411 CTGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 470
QY 121 LeuAlaValaValaValaSerProGluArgPhePhePhePhePhePhePhePhePheVal 140
DB 471 TTGGCGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 530
QY 141 ThrValGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGlu 160
DB 531 AAGCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 590
QY 161 LeuLeuAlaValaValaCysMetGlyAlaLeuLeuLeuLeuLeuLeuLeuLeuLeuLeu 180
DB 591 CTGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 650
QY 181 PropSerTrpGlyPheAlaValaThrValaPheLeuAlaGlyGlyProValSerGly 200
DB 651 CGGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 710
QY 201 GlyCysMetSerTrpAlaPheGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 220
DB 711 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 770
QY 221 HisArgTrpLeuTrpGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 240
DB 771 CATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 830
QY 241 CysPheLeuGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 255
DB 831 TCTCTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 875

```

RESULT 2

```

; Requested: Application US/09610906
; RefSeq No.: 155606
; OTHER INFORMATION: Inctye ID No. 656066 277454231
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Walker, Todd W.
; TITLE OF INVENTION: AQUOPORT-8 VARIANT
; TITLE REFERENCE: NC-0023 Cyt US/09/610 906
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 09/236,994
; NUMBER OF SEQ IDS NOS: 1999-01-07
; SOFTWARE: PEEL Program
; SEQ ID NO 2 354
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

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; NAME/KEY: misc_feature
; OTHER INFORMATION: Inctye ID No. 656066 277454231
; GENERAL INFORMATION:
US-09-610-906-2

```

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Alignment scores: 7,63e-238 Length: 1354
Score: 255.00 Matches: 255
Percent Similarity: 100.00% Conservative: 0
Identical: 100.00% Mismatches: 0
Gap: 0.00% Gaps: 0
DB:

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US-09-864-711-15 (1-255) x US-09-610-906-2 (1-1354)

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QY 1 MetCysGluProGluPheGlyMetAspGlyValaLysGluProSerValGlyGlyArgTTP 20
DB 148 AUGTGTACCTCGATTTCGGATGACGAGGCGGCGGAGCGGAGCGGAGCGGAGTGG 207
QY 21 ArgValSerTyrTrpGluArgPheValGlyProCysValaGluLeuLeuLeuSerAla 40
DB 208 CAGAGGCTGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGT 267
QY 41 LeuPheLePheLeuGlyCysMetSerValaLysGluLeuLeuLeuLeuLeuLeuLeuLeu 60
DB 268 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 327
QY 61 GluProAlaLeuAlaLeuAlaLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeu 80
DB 328 CAGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 387
QY 81 SerGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 100
DB 388 AATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 447
QY 101 LeuAlaValaValaSerProGluArgPhePhePhePhePhePhePhePhePheVala 120
DB 448 CTGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 507
QY 121 ThrValGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGlu 140
DB 508 TCTCTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 567
QY 141 ThrValGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGluGlu 160
DB 568 AUGTGTACCTCGATTTCGGATGACGAGGCGGCGGAGCGGAGCGGAGCGGAGTGG 627
QY 161 LeuAlaValaValaCysMetGlyAlaLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeu 180
DB 628 CAGAGGCTGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGT 687
QY 181 PropSerTrpGlyPheAlaValaThrValaPheLeuAlaGlyGlyProValSerGly 200
DB 688 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 747
QY 201 GlyCysMetSerTrpAlaPheGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 220
DB 748 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 807
QY 221 HisArgTrpLeuTrpGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 240
DB 808 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 867
QY 241 CysPheLeuGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGlyGly 255
DB 868 TCTCTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 912

```

RESULT 3

```

US-09-610-906-3
; Requested: Application US/09610906
; RefSeq No.: 155606
; OTHER INFORMATION:
; APPLICANT: Walker, Michael G.

```



```

; NAME/KEY: misc_feature
; OTHER INFORMATION: Inctye ID No. 656066 70093259H1
; PUBLICATION INFORMATION:
US-09-610-906-11

Alignment Scores: 1.86e-06 Length: 96
Score: No.: 15.00 Matches: 15
Percent Similarity: 100.00% Conservative: 0
Query Match: 5.88% Mismatches: 0
DB: 4 Indels: 0
Gaps: 4

US-09-864-711-15 (1-255) x US-09-610-906-11 (1-96)
QY 125 ValSerProGluHisPheTrpAsnAlaSerGlyAlaAlaPhe 139
DB 26 GTGATCTCAGAGAGAGAGGTTCTGGATGATCGTCTGGCGACGCTTT 69

RESULT 8
; Sequence 7, Application US/09610906
; Patent No. 656066
; ORGANISM: Rattus norvegicus
; APPLICANT: Walker, Michael G.
; TITLE OF INVENTION: AQUAPORIN-8 VARIANT
; FILE REFERENCE: FC-0012 CIP
; CURRENT APPLICATION NUMBER: US/09/610-906
; PRIOR FILING DATE: 1999-01-07
; NUMBER OF SEQ ID NOS: 12
; SOURCE: Perl Program
; SEQ ID NO 9
; LENGTH: 159
; ORGANISM: Rattus norvegicus
; NAME/KEY: misc_feature
; PUBLICATION INFORMATION:
US-09-610-906-9

Alignment Scores: 3.05e-06 Length: 159
Score: No.: 15.00 Matches: 15
Percent Similarity: 100.00% Conservative: 0
Query Match: 5.88% Mismatches: 0
DB: 4 Indels: 0
Gaps: 4

US-09-864-711-15 (1-255) x US-09-610-906-9 (1-159)
QY 125 ValSerProGluHisPheTrpAsnAlaSerGlyAlaAlaPhe 139
DB 26 GTGATCTCAGAGAGAGAGGTTCTGGATGATCGTCTGGCGACGCTTT 70

RESULT 8
; Sequence 7, Application US/09610906
; Patent No. 656066
; ORGANISM: Rattus norvegicus
; APPLICANT: Walker, Michael G.
; TITLE OF INVENTION: AQUAPORIN-8 VARIANT
; FILE REFERENCE: FC-0012 CIP
; CURRENT APPLICATION NUMBER: US/09/610-906
; PRIOR FILING DATE: 1999-01-07
; NUMBER OF SEQ ID NOS: 12
; SOURCE: Perl Program
; SEQ ID NO 9
; LENGTH: 159
; ORGANISM: Rattus norvegicus
; NAME/KEY: misc_feature
; PUBLICATION INFORMATION:
US-09-610-906-9

Alignment Scores: 0.00425 Length: 279
Score: No.: 15.00 Matches: 12
Percent Similarity: 100.00% Conservative: 0
Query Match: 4.71% Mismatches: 0
DB: 4 Indels: 0
Gaps: 4

US-09-864-711-15 (1-255) x US-09-610-906-8 (1-279)
QY 128 GluGluGluGluGluGluGluGluGluGluGluGluGluGluGlu 139
DB 4 GAGGAAGAGGTTCTGGATGATCGTCTGGCGACGCTTT 39

RESULT 10
; Sequence 2119, Application US/09128352
; Patent No. 6562958
; ORGANISM: Homo sapiens
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINOSYMBACTE

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; TITLE OF INVENTION: BADMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 67C99-039A
; SEQ ID NO: 1 US-09-864-711-15
; CURRENT FILING DATE: 1999-06-04
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8222
; SOFTWARE: PATSEQ for Windows Version 4.0
; SEQ ID NO: 1
; TYPE: DNA
; LENGTH: 699
; ORGANISM: Actinobacter baumannii
US-09-864-711-15 (1-699)
Alignment Scores:
Pred. No.: 699
Score: 11.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
Mismatches: 0
Indels: 0
Gaps: 0
DB:

US-09-864-711-15 (1-255) x US-09-864-711-15 (1-699)
CY 80 llsErglycylisPheasnProcalValser 90
DB 175 ACTCGTCGACGATTGTGGTGCGGACTC 45921
RESULT 11
US-09-813-817-3
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: C601178D19
; SEQ ID NO: 3 9065
; TYPE: DNA
; ORGANISM: Human
US-09-813-817-3
Alignment Scores:
Pred. No.: 631
Score: 9.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
Mismatches: 0
Indels: 0
Gaps: 0
DB:

US-09-864-711-15 (1-255) x US-09-813-817-3 (1-59065)
CY 229 ldeuLeuAlcylleuValcylgryeu 237
DB 45847 CTGCTGCGACGATTGTGGTGCGGACTC 45921
RESULT 12
US-09-978-197-3/C
; Sequence 3, Application US/09978197
; GENERAL INFORMATION:
; APPLICANT: YAN, Chunhua et al.
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: C601178D19
; FILE REFERENCE: THEREOF
; CURRENT APPLICATION NUMBER: 05/09/978,197
; CURRENT FILING DATE: 2001-03-22
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PATSEQ for Windows Version 4.0
; SEQ ID NO: 3 9065
; TYPE: DNA
; ORGANISM: Human
US-09-813-817-3
Alignment Scores:
Pred. No.: 631
Score: 9.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
Mismatches: 0
Indels: 0
Gaps: 0
DB:

US-09-864-711-15 (1-255) x US-09-813-817-3 (1-59065)
CY 229 ldeuLeuAlcylleuValcylgryeu 237
DB 45847 CTGCTGCGACGATTGTGGTGCGGACTC 45921
RESULT 13
US-09-978-197-3/C
; Sequence 6, Application US/09610906
; GENERAL INFORMATION:
; APPLICANT: Volkman, Michael G.
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: PC-0012 CIP
; FILE REFERENCE: PC-0012 CIP
; CURRENT APPLICATION NUMBER: 05/09/610,906
; CURRENT FILING DATE: 2000-07-09/226,994
; PRIOR FILING DATE: 1999-01-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PATSEQ for Windows Version 4.0
; SEQ ID NO: 6 16445
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-981A-16445
Alignment Scores:
Pred. No.: 27.9
Score: 8.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 3.14%
Mismatches: 0
Indels: 4
Gaps: 0
DB:

US-09-864-711-15 (1-255) x US-09-252-981A-16445 (1-243)
CY 145 GlGcylcylValcylAlcyl 152
DB 213 CAGCGCCAGCGATTGTGGTGCGGACTC 190
RESULT 14
US-09-610-906-6/C
; Sequence 6, Application US/09610906
; GENERAL INFORMATION:
; APPLICANT: Volkman, Michael G.
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: PC-0012 CIP
; FILE REFERENCE: PC-0012 CIP
; CURRENT APPLICATION NUMBER: 05/09/610,906
; CURRENT FILING DATE: 2000-07-09/226,994
; PRIOR FILING DATE: 1999-01-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PATSEQ for Windows Version 4.0
; SEQ ID NO: 6 16445
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-981A-16445
Alignment Scores:
Pred. No.: 27.9
Score: 8.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 3.14%
Mismatches: 0
Indels: 4
Gaps: 0
DB:

US-09-864-711-15 (1-255) x US-09-252-981A-16445 (1-243)
CY 145 GlGcylcylValcylAlcyl 152
DB 213 CAGCGCCAGCGATTGTGGTGCGGACTC 190

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; SOFTWARE:
; SEQ ID NO 6
; LENGTH: 562
; TYPE: DNA
; COMMENT: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Inctc ID NO. 656066 22765F1
; LOCUS: 22765F1
; LOCATION: 27450
; ORIGIN:
; OTHER INFORMATION: A, T, C, G, or other
; US-09-010-906-6
; PUBLICATION INFORMATION:
;
; Alignment Scores:
; Pred. No.: 63
; Score: 8.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 3.14%
; Mismatches: 0
; Indels: 0
; Gaps: 4
;
; Length:
; Pred. No.: 562
; Score: 8.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 3.14%
; Mismatches: 0
; Indels: 0
; Gaps: 0
;
; US-09-864-711-15 (1-255) x US-09-010-906-6 (1-562)
;
; QY 246 G1Ygthrgarqleuileu15y23
;
; TYPE: nucleic acid
; STRANDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; ORGANISM:
; LIBRARY: FUNCTIONO
; CLONING VECT: pTZ19
; US-09-276-311-63
;
; Alignment Scores:
; Pred. No.: 65
; Score: 8.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 3.14%
; Mismatches: 0
; Indels: 0
; Gaps: 3
;
; Length:
; Pred. No.: 395
; Score: 8.00
; Percent Similarity: 100.00%
; Best Local Similarity: 100.00%
; Query Match: 3.14%
; Mismatches: 0
; Indels: 0
; Gaps: 0
;
; US-09-864-711-15 (1-255) x US-09-276-311-63 (1-595)
;
; QY 47 QYgthrgarqleuileu15y54
;
; DB 352 TQTTATCATCATGAGATGGA 375
;
; Search completed: October 15, 2003, 17:18:28
; Job time : 48.563S

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[illegible]


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07 100 shluvalmetlenupcytrivpalserdineleuLsglylymetleuLjAlaA 120
07 101 shluvalmetlenupcytrivpalserdineleuLsglylymetleuLjAlaA 120
Db 416 ACTGGTGGTCTGCTCCGCTGCTGGTCTCCGCTGCTGGTCTCCGCTGCTGG 475
07 417 ACTGGTGGTCTGCTCCGCTGCTGGTCTCCGCTGCTGGTCTCCGCTGCTGG 475
07 418 ACTGGTGGTCTGCTCCGCTGCTGGTCTCCGCTGCTGGTCTCCGCTGCTGG 475
07 419 ACTGGTGGTCTGCTCCGCTGCTGGTCTCCGCTGCTGGTCTCCGCTGCTGG 475
Db 476 CTTTGACAGAGGGGCGATCTTGAGAGAGAGAGAGAGAGAGAGAGAGAG 535
07 477 CTTTGACAGAGGGGCGATCTTGAGAGAGAGAGAGAGAGAGAGAGAGAG 535
07 478 CTTTGACAGAGGGGCGATCTTGAGAGAGAGAGAGAGAGAGAGAGAGAG 535
07 479 CTTTGACAGAGGGGCGATCTTGAGAGAGAGAGAGAGAGAGAGAGAGAG 535
Db 140 atnphatldindldindlgnlvalalaglylvalalalalalalalalal 160
07 141 atnphatldindldindlgnlvalalaglylvalalalalalalalalal 160
Db 536 TACAGATCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAT 595
07 537 TACAGATCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAT 595
07 538 TACAGATCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAT 595
07 539 TACAGATCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAT 595
Db 160 htrudalalalalalalalalalalalalalalalalalalalalal 180
07 161 htrudalalalalalalalalalalalalalalalalalalalalal 180
07 162 htrudalalalalalalalalalalalalalalalalalalalalal 180
07 163 htrudalalalalalalalalalalalalalalalalalalalalal 180
Db 596 CAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 655
07 597 CAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 655
07 598 CAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 655
07 599 CAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 655
Db 180 larpelbelerlclgylvalalalalalalalalalalalalalalalal 200
07 181 larpelbelerlclgylvalalalalalalalalalalalalalalalal 200
07 182 larpelbelerlclgylvalalalalalalalalalalalalalalalal 200
07 183 larpelbelerlclgylvalalalalalalalalalalalalalalalal 200
Db 656 CCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 715
07 657 CCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 715
07 658 CCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 715
07 659 CCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 715
Db 200 lglcylycshasProAlaValSerLeuAlaAlaMetLeuLsglylymetleuL 220
07 201 lglcylycshasProAlaValSerLeuAlaAlaMetLeuLsglylymetleuL 220
07 202 lglcylycshasProAlaValSerLeuAlaAlaMetLeuLsglylymetleuL 220
07 203 lglcylycshasProAlaValSerLeuAlaAlaMetLeuLsglylymetleuL 220
Db 716 GAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 775
07 717 GAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 775
07 718 GAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 775
07 719 GAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 775
Db 220 hmlstplrtlytrplandlproleuLleuLleuLleuLleuLleuLleu 240
07 221 hmlstplrtlytrplandlproleuLleuLleuLleuLleuLleuLleu 240
07 222 hmlstplrtlytrplandlproleuLleuLleuLleuLleuLleuLleu 240
07 223 hmlstplrtlytrplandlproleuLleuLleuLleuLleuLleuLleu 240
Db 740 TCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGAT 835
07 741 TCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGAT 835
07 742 TCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGAT 835
07 743 TCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGATCGAT 835
Db 886 GCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 882
07 887 GCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 882
07 888 GCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 882
07 889 GCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 882

```

RESULT 13

US-09-864-711-15

Sequence 4, Application US/0216408

Publication No. US2003001319A1

GENERAL INFORMATION:

APPLICANT: COFFITS, TRACY L.

FRIEDMAN, PAULA R.

KUSSELL, JOHN C.

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KUSSELL, JOHN C.


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Db 421 TAAGAGGCGCTCCCTCTACTGAGAGGCTCCAGAGGAGTCTGACTGATGAG 480
QY 922 CAGGTGGGCTGCTGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAGG 981
Db 481 CAGGTGGGCTGCTGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAGG 940
QY 982 CAGGTGGGCTGCTGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1041
Db 541 CAGGTGGGCTGCTGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAGG 600
QY 1042 AAGTGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1101
Db 601 AAGTGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 660
QY 1102 TCGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1161
Db 661 TCGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 720
QY 1162 CTGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1221
Db 721 CTGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 780
QY 1222 CTGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1281
Db 781 CTGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 840
QY 1282 AATGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1341
Db 841 AATGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 900
QY 1342 TTGAGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1401
Db 901 TTGAGGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 960
QY 1402 ATGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1461
Db 961 ATGCTGCTGATGAGTCTGATGAGGAGGAGGAGGAGGAGGAGGAGGAG 1020
QY 1462 TTGGAGGCTGAGGCGGAGGCTGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1521
Db 1021 TTGGAGGCTGAGGCGGAGGCTGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1080
QY 1522 ATGCGAAGGCGGAGGCTGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1581
Db 1081 ATGCGAAGGCGGAGGCTGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1140
QY 1582 GTATGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1641
Db 1141 GTATGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1200
QY 1642 AGGAGGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1680
Db 1201 AGGAGGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1247

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RESULTS 4
US-10-060-036-3766/c
Sequence 3766, Application US/10060036
GENERAL INFORMATION:

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APPLICANT: Benson, Darin R.
APPLICANT: Kalos, Michael D.
APPLICANT: Karp, David H.
APPLICANT: Persing, David H.
APPLICANT: Repler, William T.
APPLICANT: Jilg, Yuhui
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
FILE REFERENCE: 21012.566
CURRENT FILING DATE: 2002-01-30
NUMBER OF SEQ IDS: 4560
SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 3766
; LENGTH: 402
; ORGANISM: Homo sapiens
US-10-060-036-3766

Query Match
Best Local Similarity 100.0%; Pred. No. 1.6e-118; Length 402;
Matches 402; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 ACTGAGAGGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 939
Db 402 ACTGAGAGGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 343
QY 940 TGTTCATGATGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 999
Db 342 TGTTCATGATGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 283
QY 1000 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1059
Db 283 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 223
QY 1059 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1119
Db 223 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 163
QY 1119 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1179
Db 163 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 103
QY 1240 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1281
Db 103 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 139
QY 1180 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1239
Db 139 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 103
QY 1240 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1281
Db 103 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 43
QY 42 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1
Db 43 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1

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RESULTS 5
US-10-060-036-4049/c
Sequence 4049, Application US/10060036
GENERAL INFORMATION:

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APPLICANT: Benson, Darin R.
APPLICANT: Kalos, Michael D.
APPLICANT: Karp, David H.
APPLICANT: Persing, David H.
APPLICANT: Repler, William T.
APPLICANT: Jilg, Yuhui
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
FILE REFERENCE: 21012.566
CURRENT FILING DATE: 2002-01-30
NUMBER OF SEQ IDS: 4560
SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 4049
; LENGTH: 402
; ORGANISM: Homo sapiens
US-10-060-036-4049

Query Match
Best Local Similarity 100.0%; Pred. No. 1.6e-118;
Matches 402; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 ACTGAGAGGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 939
Db 402 ACTGAGAGGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 343
QY 940 TGTTCATGATGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 999
Db 342 TGTTCATGATGAGGCTGAGAGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 283
QY 1000 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1059
Db 283 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 223
QY 1059 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1119
Db 223 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 163
QY 1119 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1179
Db 163 TGTTCATGATGAGGCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 103
QY 1240 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1281
Db 103 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 43
QY 42 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1
Db 43 GAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 1

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Db 342 TCTTCTATAGTGGACGACGACATGATGATGATCTCCATGGGCCCCATCTTGCAGACACA 283
Qy 1000 TCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1059
Db 284 TCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 223
Qy 1060 TCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1119
Db 286 TCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1119
Qy 1062 TCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1119
Db 222 GTTCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 163
Qy 1120 AGCTCTTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1179
Db 1162 AATCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 103
Qy 1180 AATCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1239
Db 102 AATCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 43
Qy 1240 GAGCTCAGATGACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1281
Db 42 GAGCTCAGATGACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1
RESULT 6
US-10-027-632-250936/C
: Sequence 250936, Application US/10027632
: GENERAL INFORMATION
: APPLICANT: Meng, David G.
: TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
: TITLE OF INVENTION: Polymorphisms in the Human Genome
: CURRENT APPLICATION NUMBER: US/10/027,632
: PRIOR APPLICATION NUMBER: US 60/218,006
: PRIOR FILING DATE: 2000-04-30
: PRIOR FILING DATE: 2000-04-26
: PRIOR FILING DATE: 2000-03-29
: PRIOR FILING DATE: 1999-11-23
: PRIOR APPLICATION NUMBER: US 60/198,676
: PRIOR APPLICATION NUMBER: US 60/156,358
: PRIOR APPLICATION NUMBER: US 60/185,218
: PRIOR FILING DATE: 2000-02-24
: PRIOR FILING DATE: 1999-08-09
: NUMBER OF SEQ ID NOS: 325720
: SEQ ID NO 250936
: LENGTH: 2655
: ORGANISM: Human
US-10-027-632-250936
Query Match 11.1k; Score 192.6; DB 13; Length 2655;
Best Local Similarity 79.4k; Pct. No. 1.4e-50;
Matches 258; Conservative 54; Indels 13; Gaps 2;
Qy 1416 TGTGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1475
Db 1934 TGTGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1875
Qy 1476 CCGCGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1535
Db 1476 CAGCGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1815
Qy 1536 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1594
Db 1814 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1762
Qy 1595 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1654
Db 1761 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1707
Qy 1655 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1714
Db 1706 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1647
Qy 1715 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1739
Db 1646 CCGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1622

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RESULT 8

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Db 1761 -----TACTTACTAGAGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1707
Qy 1655 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1714
Db 1706 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1647
Qy 1715 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1739
Db 1646 CCGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1622
RESULT 7
US-10-027-632-250937/A
: Sequence 250937, Application US/10027632
: GENERAL INFORMATION
: APPLICANT: Meng, David G.
: TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
: TITLE OF INVENTION: Polymorphisms in the Human Genome
: CURRENT APPLICATION NUMBER: US/10/027,632
: PRIOR APPLICATION NUMBER: US 60/218,006
: PRIOR FILING DATE: 2000-07-12
: PRIOR FILING DATE: 2000-04-20
: PRIOR FILING DATE: 2000-03-29
: PRIOR FILING DATE: 1999-08-09
: NUMBER OF SEQ ID NOS: 325720
: SEQ ID NO 250937
: LENGTH: 2655
: ORGANISM: Human
US-10-027-632-250937
Query Match 11.1k; Score 192.6; DB 13; Length 2655;
Best Local Similarity 79.4k; Pct. No. 1.4e-50;
Matches 258; Conservative 54; Indels 13; Gaps 2;
Qy 1416 TGTGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1475
Db 1934 TGTGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1875
Qy 1476 CCGCGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1535
Db 1476 CAGCGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1815
Qy 1536 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1594
Db 1814 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1762
Qy 1595 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1654
Db 1761 -----TACTTACTAGAGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1707
Qy 1655 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1714
Db 1706 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1647
Qy 1715 TGTCTT-TAATAATGAGATATGAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1739
Db 1646 CCGAGAGCTGTGTGTAAGAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1622

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QY 1413 ATTGAGAGGTGTGAATGGTCTAGCTGTATATCCCAACAAATTGGAGGCTG 1472
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QY 4065 ATTTATTTATGAGGCTGGGCKAGATGCTTCAATCTGTATCCAGGACTTGGAGGCTG 4124
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QY 1473 AGGCGCGAGATCTGTAGATGATGAGATTTGAAACAGACTTGGCAATATGAGCAAC 1532
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QY 4125 AGGCGCGAGATCTGTAGATGATGAGATTTGAAACAGACTTGGCAATATGAGCAAC 4184
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QY 4185 CACTCTTA-TAAATATCAAGATTAAGCAAGCTGTGTGTGCTGATGCTATATCCAT 4244
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QY 1592 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAGAG 1651
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QY 4245 CC-----ATTGGAGGCTGAGGATGAGATTTGCTTGAACCCAGAGGTGA 4292
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QY 1652 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAG 1711
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QY 4293 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAG 4352
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QY 1712 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAG 4352
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QY 4353 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAG 4390
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RESULT 15

US-09-860-670-251

US-09-860-670-252

US-09-860-670-253

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US-09-860-670-299

US-09-860-670-300

Search completed: October 15, 2003, 14:51:29
Job time : 346.4 secs

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Query Match: 10.6%; Score 384.4; MB 10; Length 14426;
Similarity 7.6%;
Matches 254; Conservative 0; Mismatches 61; Indels 13; Gaps 2;
QY 1413 ATTGAGAGGTGTGAATGGTCTAGCTGTATATCCCAACAAATTGGAGGCTG 1472
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QY 4067 ATTTATTTATGAGGCTGGGCKAGATGCTTCAATCTGTATCCAGGACTTGGAGGCTG 4124
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QY 4147 AGGCGCGAGATCTGTAGATGATGAGATTTGAAACAGACTTGGCAATATGAGCAAC 4206
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QY 1533 CACTCTTA-TAAATATCAAGATTAAGCAAGCTGTGTGTGCTGATGCTATATCCAT 1591
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QY 4207 CACTCTTA-TAAATATCAAGATTAAGCAAGCTGTGTGTGCTGATGCTATATCCAT 4266
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QY 1592 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAGAG 1651
DB ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 4267 CC-----ATTGGAGGCTGAGGATGAGATTTGCTTGAACCCAGAGGTGA 4314
DB ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1652 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAGAG 1711
DB ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 4315 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAGAG 4374
DB ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1712 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAG 4390
DB ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 4375 GCTGTATATCCAGCTTGGAGGTGTGGAGGTGGAGAGAGAGAGAGAGAGAGAG 4402
DB ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

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1 PRIOR APPLICATION NUMBER: 09/226,994
 2 PRIOR FILING DATE: 1999-01-07
 3 NUMBER OF SEQ ID NOS: 12
 4 SOFTWARE: PEARL program
 5 SEQ ID NO 8
 6 LENGTH: 279
 7 TYPE: DNA
 8 ORGANISM: Rattus norvegicus
 9 FEATURE:
 10 CDS: misc feature
 11 OTHER INFORMATION: CDS ID NO: 65660666
 12 PUBLICATION INFORMATION:
 13 US-09-610-906-8

GenCore version 5.1.6
Copyright (C) 1995 - 2003 CompuGen Inc.

OM nucleic - nucleic search, using sw model

Run on: October 15, 2003, 11:15:03 ; Search time 267.374 Seconds
(without alignments)
131670.251 Million cell updates/sec

Title: US-09-864-711-8

Perfect score: 1.5349602639527.....statocsgattcttcc 1354
Sequence: 1.5349602639527.....statocsgattcttcc 1354

Scoring table: IDENTITY_MSC

Gap 10.0 , Export 1.0

Search: 1731049 seqs, 1297105648 residues

Total number of hits satisfying chosen parameters: 3462098

Minimum db seq length: 0

Maximum db seq length: 2000000000

Post-processing: Minimum Match 0%

Limiting First 45 summaries

Database :

- 1: /cgn2.5/p/pcdata1/pubna/US09_PUBCOMB.seq*
- 2: /cgn2.5/p/pcdata1/pubna/FCU_NSL_PUB.seq*
- 3: /cgn2.5/p/pcdata1/pubna/US06_NEW_PUB.seq*
- 4: /cgn2.5/p/pcdata1/pubna/US06_NEW_PUB.seq*
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- 7: /cgn2.5/p/pcdata1/pubna/FCU_NSL_PUB.seq*
- 8: /cgn2.5/p/pcdata1/pubna/FCU_NSL_PUB.seq*
- 9: /cgn2.5/p/pcdata1/pubna/US09_PUBCOMB.seq*
- 10: /cgn2.5/p/pcdata1/pubna/US09_PUBCOMB.seq*
- 11: /cgn2.5/p/pcdata1/pubna/US09_PUBCOMB.seq*
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- 14: /cgn2.5/p/pcdata1/pubna/US10_PUBCOMB.seq*
- 15: /cgn2.5/p/pcdata1/pubna/US10_PUBCOMB.seq*
- 16: /cgn2.5/p/pcdata1/pubna/US10_PUBCOMB.seq*
- 17: /cgn2.5/p/pcdata1/pubna/US10_PUBCOMB.seq*

Pred_Nb is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	Query	Length	DB	ID	Description
1	1354	100.0	1354	9	US-09-864-711-8	Sequence 8, April
2	1354	100.0	1354	12	US-10-396-943-2	Sequence 22, April
3	1354	100.0	1354	12	US-10-396-943-2	Sequence 22, April
4	1213.6	89.6	1312	13	US-10-396-943-2	Sequence 5, April
5	1213.6	89.6	1410	9	US-09-825-993-67	Sequence 67, April
6	1213.6	89.6	1410	9	US-10-023-898-40	Sequence 40, April
7	1213.6	89.6	1410	14	US-10-023-898-40	Sequence 40, April
8	1213.6	89.6	1410	14	US-10-106-698-45	Sequence 245, April
9	1212.0	89.4	1314	14	US-10-216-408-16	Sequence 16, April
10	1212.0	89.4	1314	14	US-10-216-408-16	Sequence 16, April
11	1202.8	88.8	1388	14	US-10-023-898-11	Sequence 11, April
12	1202.8	88.8	1388	14	US-10-106-698-1986	Sequence 1986, April
13	475.3	35.0	552	12	US-09-864-711-8	Sequence 67, April
14	475.3	35.0	552	12	US-09-864-711-8	Sequence 67, April
15	313.8	23.1	317	11	US-09-863-715-269	Sequence 269, April
16	310.6	22.9	318	11	US-09-863-715-269	Sequence 269, April

17	305.2	22.5	321	11	US-09-863-719-2362	Sequence 2362, April
18	285.8	20.5	324	11	US-09-863-719-2328	Sequence 2328, April
19	285.8	20.5	324	11	US-09-863-719-2328	Sequence 2328, April
20	271.0	20.0	282	14	US-10-216-408-12	Sequence 12, April
21	266.0	19.6	266	12	US-10-216-408-7	Sequence 7, April
22	266.0	19.6	266	12	US-10-216-408-7	Sequence 7, April
23	257.0	19.0	257	12	US-10-216-408-4	Sequence 4, April
24	257.0	19.0	257	12	US-10-216-408-4	Sequence 4, April
25	257.0	19.0	257	12	US-10-216-408-11	Sequence 11, April
26	257.0	19.0	257	12	US-10-216-408-11	Sequence 11, April
27	244.0	18.0	244	14	US-10-216-408-6	Sequence 6, April
28	243.8	18.0	279	14	US-10-216-408-14	Sequence 14, April
29	231.8	17.0	236	14	US-10-216-408-10	Sequence 10, April
30	231.8	17.0	236	14	US-10-216-408-10	Sequence 10, April
31	228.4	16.9	231	14	US-10-216-408-13	Sequence 13, April
32	212.4	15.5	224	14	US-10-216-408-15	Sequence 15, April
33	212.4	15.5	224	14	US-10-216-408-15	Sequence 15, April
34	199.4	14.7	201	14	US-10-216-408-8	Sequence 8, April
35	199.4	14.7	201	14	US-10-216-408-8	Sequence 8, April
36	187.2	13.5	225	12	US-10-386-943-8	Sequence 8, April
37	187.2	13.5	225	12	US-10-386-943-8	Sequence 8, April
38	117.8	8.7	759	10	US-09-887-576-810	Sequence 810, April
39	114.2	8.4	159	12	US-10-386-943-9	Sequence 9, April
40	114.2	8.4	159	12	US-10-386-943-9	Sequence 9, April
41	95.4	7.3	1827	10	US-09-887-576-817	Sequence 817, April
42	95.4	7.3	1827	10	US-09-887-576-817	Sequence 817, April
43	95.4	7.3	1827	10	US-09-887-576-817	Sequence 817, April
44	91.6	6.7	1316	14	US-10-371-310-15	Sequence 15, April
45	83.4	6.2	935	9	US-09-770-445-373	Sequence 373, April

ALIGNMENTS

RESULT 1

US-09-864-711-8
Sequence 9, Application US/09864711
US-09-864-711-8
GENERAL INFORMATION:
APPLICANT: Walker, Michael G.
APPLICANT: Vollmach, Reine
APPLICANT: Vollmach, Reine
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR PANCREATIC DISORDERS
FILE REFERENCE: PR-0008-1 CIP
CURRENT FILING DATE: 2001-09-23
NUMBER OF SEQ ID NOS: 15
SOFTWARE: SEQ ID Program
LENGTH: 1354
TYPE: DNA
OTHER INFORMATION: Homo sapiens
FEATURES:
OTHER INFORMATION: 277454.2CB1
US-09-864-711-8

Query Match 100.0%; Score 1354; DB 9; Length 1354;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1354; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GGGAGCCCTCTCGGCAGCTCTCTCTCGAGCGACAGAGCGCGCGTGGANT 60
DB 1 GGGAGCCCTCTCGGCAGCTCTCTCTCGAGCGACAGAGCGCGCGTGGANT 60
QY 61 AATTCAGGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 120
DB 61 AATTCAGGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 120
QY 121 GTCTCTTTTCTTCGCGAGAGAGAGCTCTCTCTCTCTCTCTCTCTCTCTCT 180
DB 121 GTCTCTTTTCTTCGCGAGAGAGAGAGCTCTCTCTCTCTCTCTCTCTCTCTCT 180
QY 132 GTCTCTTTTCTTCGCGAGAGAGAGAGCTCTCTCTCTCTCTCTCTCTCTCTCT 240
DB 132 GTCTCTTTTCTTCGCGAGAGAGAGAGCTCTCTCTCTCTCTCTCTCTCTCTCT 240
QY 181 AGGAGCCCGAGGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 240
DB 181 AGGAGCCCGAGGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 240


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Db 1251 TGGGGGCGCGGCACTCTCTCTCAAGCTACAGATCTCTACTTGGCAAAATAGT 1310
QY 1340 CAGAGATTTGGGCGG 1354
Db 1311 CAGATTTCTCTCTC 1325

RESULT 9
US-10-216-408-16 Application US/10/21408
1 Sequence ID: N: US03010132/AL
2 GENERAL INFORMATION:
3 APPLICANT: COHEN, MAURICE
4 FRIEDMAN, PAUL A.
5 GRANDOS, EDWARD N.
6 HANSEN, MICHAEL
7 HUSSELL, JOHN C.
8 STROPE, STEVEN D.
9
10 TITLE OF INVENTION: FRAGMENTS AND METHODS USEFUL
11 IN PREVENTING DISEASE OF THE GASTROINTESTINAL
12 TRACT
13
14 NUMBER OF SEQUENCES: 27
15 CURRENT INVENTOR: DANIEL
16 ADDRESS: Abbott Laboratories
17 STREET: 100 Abbott Park Road
18 CITY: Abbott Park
19 STATE: ILLINOIS
20 COUNTRY: USA
21
22 ZIP: 60064-1500
23
24 COMPLETION DATE: 2000
25 MEDIUM TYPE: Dicotyle
26
27 OPERATING SYSTEM: DOS
28
29 CURRENT APPLICATION NUMBER: Windows Version 2.0
30
31 APPLICATION NUMBER: US/10/216,408
32
33 FILING DATE: 09-AUG-2002
34
35 PRIORITY INFORMATION:
36 PRIOR APPLICATION DATA:
37
38 APPLICATION NUMBER: US/08/959,634
39
40 ATTORNEY/AGENT INFORMATION:
41
42 NAME: Becker, Cheryl L., 441
43 REGISTRATION NUMBER: 51188 US 01
44
45 TELECOMMUNICATION INFORMATION:
46
47 TELEPHONE: 847/345-1729
48
49 FAX: 847/345-1623
50
51 TELEX: Unknown
52
53 INFORMATION FOR SEQ ID NO: 16:
54
55 SEQUENCE CHARACTERISTICS:
56
57 TYPE: nucleic acid
58 STRANDS: double
59
60 MOLECULE TYPE: cDNA
61
62 SEQUENCE DESCRIPTION: SEQ ID NO: 16:
63
64 US-10-216-408-16
65
66 Query Match 89.4%; Score 1210.2; DB 14; Length 1314;
67 Best Local Similarity 99.3%; Pred. No. 0;
68 Matches 1206; Conservative 1; Indels 0; Gaps 0;
69
70 Y 140 AATGATCATCTGGGCGGTAATTTGGCAATGACACCGAGGAGCGAGCTGGGTC 199
71
72 Db 100 AATACAGATCTGGGCGGTAATTTGGCAATGACACCGAGGAGCGAGCTGGGTC 159
73
74 Y 200 CAGATGGGAGGATCTGGTACAGACGGTCTTTCGACAGCTCTGGTGGAGCTGG 259
75
76 Db 160 GAGGAGGAGGATCTGGTACAGACGGTCTTTCGACAGCTCTGGTGGAGCTGG 219
77
78 Y 260 GCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 319

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Db      1300 CAGGCTTTCTCC 1314
RESULT 10
; Sequence 49, Application US/0158646
; Publication No. US20030073105A1
; GENERAL INFORMATION:
; APPLICANT: Schenck, K. W.
; APPLICANT: Schenck, K. W.
; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US/010158,446
; PRIOR FILING DATE: 2002-05-29
; CURRENT APPLICATION NUMBER: 60/295,239
; PRIOR APPLICATION NUMBER: 60/295,239
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PBL Program
; SEQ ID NO 1324
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; OTHER INFORMATION: Inocyte ID No. US20030073105A1 201901.4
US-10-158-646-49
Query Match      88.9%; Score 1203.4; DB 14; Length 1324;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 122; Conservative 0; Mismatches 11; Indels 2; Gaps 1;
Db      1324 TCCCTTTTCCAGCAGATGACATGCTGAGCGTGAATTTGGCAATGACAGACCA 181
Oy      182 GCGAGCGAGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGT 241
Db      90 TCGGATGATCTCGAGAGAGATAGCAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGT 449
Oy      182 GCGAGCGAGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGT 241
Db      150 GCGAGCGAGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGTGGCGAGT 209
Oy      242 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGT 301
Db      210 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGT 269
Oy      302 AAGATGAGCGAGTCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 359
Db      370 AAGATGAGCGAGTCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 329
Oy      360 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 419
Db      330 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 389
Oy      420 CCGATGAGTCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 479
Db      390 GCGAGCGAGTCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 449
Oy      480 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 539
Db      450 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 509
Oy      540 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 599
Db      510 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 569
Oy      600 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 659
Db      670 GTCTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 629
Oy      660 CAGTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 719
Db      630 CAGTGTGTGAGATCTGGAGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 689
Oy      720 TATCTGTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 779

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RESULT 11 486-11
; Sequence 11, Application US/0023896
; Publication No. US2003002776A1
; GENERAL INFORMATION:
; APPLICANT: Novartis
; TITLE OF INVENTION: 29 Human Cancer Associated Proteins
; FILE REFERENCE: PA00421
; CURRENT FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: US/01023,896
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: unassigned
; PRIOR FILING DATE: 2000-08-30
; PRIOR FILING DATE: 2000-08-30
; PRIOR FILING DATE: 2000-08-30
; PRIOR FILING DATE: 1999-09-03
; PRIOR FILING DATE: 1999-09-03
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 11
; LENGTH: 1388
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION: (1388)..(1388)
; OTHER INFORMATION: n equals a.t.g. or c
US-10-1024-896-11

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Publication No. US2003004783A1

GENERAL INFORMATION: Lewis T.
 APPLICANT: Escobedo, Jaime
 APPLICANT: Inzels, Michael A.
 APPLICANT: Garcia, Pablo Dominguez
 APPLICANT: Reinhard, Christoph
 APPLICANT: Glaser, Klaus
 APPLICANT: Kennedy, Giulia C.
 APPLICANT: Pot, David
 APPLICANT: Kassam, Alireza
 APPLICANT: Drmanac, Radoje
 APPLICANT: Crkvenjakov, Radomir
 APPLICANT: Labat, Ivan
 APPLICANT: Lehnkowitz, Dena
 APPLICANT: Jones, Lee William
 APPLICANT: Garcia, Veronica
 TITLE OF INVENTION: Human Genes and Gene Products
 FILE REFERENCE: 1624, 002
 CURRENT APPLICATION NUMBER: US/09/803,719
 PRIOR APPLICATION NUMBER: 60/188,609
 PRIOR FILING DATE: 2000-03-09
 SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO 2329
 SEQ ID NO 2329
 SEQ ID NO 2329
 ORGANISM: Homo sapiens

Query Match 23.3%; Score 315.2; DB 11; Length 321;
 Best Local Similarity 99.1%; Pred. No. 2, 2e-84;
 Matches 317; Conservative 3; Mismatches 0; Gaps 0;
 0Y 568 AACAGAGGGGCGCTGCGCCGCTTTCACGCGCTTTCGACGCGTGTGATCTGCG 727
 DB 1 AAGAGAGGGGCGCTGCGCCGCTTTCACGCGCTTTCGACGCGTGTGATCTGCG 60
 0Y 728 CTGGGGGCGCTGCTGAGGAGTGATGATGATGATGATGATGATGATGATGATG 787
 DB 61 CTGGGGGCGCTGCTGAGGAGTGATGATGATGATGATGATGATGATGATGATG 120
 0Y 788 TGGGACGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACG 847
 DB 121 TGGGACGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACG 180
 0Y 848 TTCTTGTGATCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 907
 DB 181 TTCTTGTGATCTGATGATGATGATGATGATGATGATGATGATGATGATGATG 240
 0Y 908 CTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 967
 DB 241 CTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
 0Y 968 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
 DB 301 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1080

RESULT 15
 US-09-803-719-2269
 Publication No. US/09/803,719
 Publication No. US2003004783A1
 GENERAL INFORMATION:
 APPLICANT: Williams, Lewis T.

APPLICANT: Escobedo, Jaime
 APPLICANT: Inzels, Michael A.
 APPLICANT: Garcia, Pablo Dominguez
 APPLICANT: Reinhard, Christoph
 APPLICANT: Glaser, Klaus
 APPLICANT: Kennedy, Giulia C.
 APPLICANT: Pot, David
 APPLICANT: Kassam, Alireza
 APPLICANT: Drmanac, Radoje
 APPLICANT: Crkvenjakov, Radomir
 APPLICANT: Labat, Ivan
 APPLICANT: Lehnkowitz, Dena
 APPLICANT: Jones, Lee William
 APPLICANT: Garcia, Veronica
 TITLE OF INVENTION: Human Genes and Gene Products
 FILE REFERENCE: 1624, 002
 CURRENT APPLICATION NUMBER: US/09/803,719
 PRIOR APPLICATION NUMBER: 60/188,609
 PRIOR FILING DATE: 2000-03-09
 SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO 2269
 SEQ ID NO 2269
 SEQ ID NO 2269
 ORGANISM: Homo sapiens
 FEATURE:
 LOCATION: 618...feature
 LOCATION: 618... (317)
 OTHER INFORMATION: n = A,T,C or G

Query Match 23.1%; Score 312.8; DB 11; Length 317;
 Best Local Similarity 99.4%; Pred. No. 1, 2e-83;
 Matches 314; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 0Y 731 GGGGGCGCTGCTGAGGAGTGATGATGATGATGATGATGATGATGATGATG 790
 DB 1 GGGGGCGCTGCTGAGGAGTGATGATGATGATGATGATGATGATGATGATG 60
 0Y 791 CCACGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTG 850
 DB 61 CCACGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTG 120
 0Y 851 TGGGACGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACG 910
 DB 121 TGGGACGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACGCTGACG 180
 0Y 911 CTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 970
 DB 181 CTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
 0Y 971 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1030
 DB 241 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1090
 0Y 1031 CTGGTCTGCTGCTG 1046
 DB 301 CTGGTCTGCTGCTG 316

Search completed: October 15, 2003, 14:51:32
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